

AD _____

Award Number: DAMD17-01-1-0458

TITLE: Developing a Training Program in Breast Cancer Research
to Decrease the Disparity of Morbidity and Mortality
in Underserved/Minority Women

PRINCIPAL INVESTIGATOR: Sylvia A. Flack, Ed.D.

CONTRACTING ORGANIZATION: Winston-Salem State University
Winston-Salem, NC 27110

REPORT DATE: October 2003

TYPE OF REPORT: Annual Summary

PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for Public Release;
Distribution Unlimited

The views, opinions and/or findings contained in this report are
those of the author(s) and should not be construed as an official
Department of the Army position, policy or decision unless so
designated by other documentation.

20040903 085

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 074-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

1. AGENCY USE ONLY
(Leave blank)

2. REPORT DATE
October 2003

3. REPORT TYPE AND DATES COVERED
Annual Summary (1 Oct 2002 - 30 Sep 2003)

4. TITLE AND SUBTITLE

Developing a Training Program in Breast Cancer Research to Decrease the Disparity of Morbidity and Mortality in Underserved/Minority Women

5. FUNDING NUMBERS

DAMD17-01-1-0458

6. AUTHOR(S)

Sylvia A. Flack, Ed.D.

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

Winston-Salem State University
Winston-Salem, NC 27110

E-Mail: flacks@wssu.edu

8. PERFORMING ORGANIZATION
REPORT NUMBER

9. SPONSORING / MONITORING
AGENCY NAME(S) AND ADDRESS(ES)

U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

10. SPONSORING / MONITORING
AGENCY REPORT NUMBER

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION / AVAILABILITY STATEMENT

Approved for Public Release; Distribution Unlimited

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 Words)

Winston-Salem State University (WSSU) a designated Historically Black College and University (HBCU) is committed to resolving some of the economic, social and health problems in the community in which the university is located. Breast cancer deaths and complication occur disproportionately in minority women than majority women within this community. This proposal is designed to develop a sustainable breast cancer training program at WSSU. Four faculty post docs from the School of Health Sciences are developing research skills by engaging in breast cancer research with professors at Johns Hopkins University who are experts in this area. In order to accomplish this project an interdisciplinary committee of doctors, nurses, educators, researchers and professors who have engaged in breast cancer research led by the researchers from JHU, are guiding the faculty through this development. The objectives of this training program are to allow the trainees the opportunity to develop fundable research proposals, to conduct successful clinical research projects, and to publish and to train other WSSU researchers. The faculty post docs will be able to apply their knowledge to assist minority elderly women to learn how to discover signs of cancer before the cancer becomes hard to treat. The knowledge gained will allow these researchers to participate in the training of other researchers in the area of breast cancer. Consistent with year 2 objectives, the faculty post docs have attended several training activities, submitted research abstracts and grant applications, presented in scientific conferences, and are designing the program for future WSSU researchers.

14. SUBJECT TERMS

Disparity of morbidity and mortality; breast cancer; minority elderly women; clinical oncology; biobehavioral measure of stress; quality of life; tumor

15. NUMBER OF PAGES

67

16. PRICE CODE

17. SECURITY CLASSIFICATION
OF REPORT

Unclassified

18. SECURITY CLASSIFICATION
OF THIS PAGE

Unclassified

19. SECURITY CLASSIFICATION
OF ABSTRACT

Unclassified

20. LIMITATION OF ABSTRACT

Unlimited

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. Z39-18
298-102

Table of Contents

Cover.....	1
SF 298.....	2
Table of Contents.....	3
Introduction.....	4
Body.....	4
Key Research Accomplishments.....	10
Reportable Outcomes.....	12
Conclusions.....	
References.....	
Appendices.....	12
A. Curriculum Vitae for Jo Dowell	
B. Curriculum Vitae for Dr. Anne Belcher	
C. Curriculum Vitae for Dr. Donna Leach	
D. Curriculum Vitae for Dr. Patricia Bowyer-Johnson	

INTRODUCTION

This 4-year training program is designed to prepare four faculty members in the School of Health Sciences (SOHS) to conduct research in the area of breast cancer. The program is intended to lay the groundwork for additional faculty to engage in breast cancer research by enhancing the research infrastructure in the SOHS. The four faculty members (post-doc) currently involved in the program represent nursing, clinical laboratory sciences, occupational therapy and physical therapy. Each of these faculty members is paired with a mentor from Johns Hopkins University School of Nursing (JHUSON) who is conducting breast cancer research. The JHUSON mentors are co-investigators on the project. Four academicians and practitioners from Wake Forest University Baptist Medical Center (WFUBMC) who are involved in providing health care to breast cancer clients or in conducting breast cancer research serve as consultants. These consultants represent the disciplines of gerontology, epidemiology, geriatrics and oncology. Two faculty members at WSSU serve as advisors and consultants to the four faculty post docs. The project also includes a biostatistician, housed at JHUSON, and a research assistant housed at WSSU. These persons assist the four faculty members/post docs to meet the goals of the program. In addition, the research assistant assists in maintaining the research center at WSSU. The Principal Investigator, Dr. Sylvia Flack, has administrative oversight of the project.

BODY

The post docs have been working hard during this report year. They have submitted several research abstracts and presented research at various cancer conferences. Several training activities were scheduled for the post docs to attend. These training activities included both formal and informal interactions between the mentors, the consultants, the advisors and the faculty post docs. They have taken place via email, telephone conferences, and face-to-face meetings. Dr. Sylvia Flack, the PI of this project has also had consistent interactions with those involved in the project. She and Dr. Fannie Gaston-Johannson, the co-investigator of the project from JHU, communicate at least monthly. She also continues to interact with the Dr. Bodiford Lee Stackhouse who is an advisor on the project. Dr. Flack has had extensive contact with Dr. Sharon Jackson. Dr. Jackson is a consultant from Wake Forest University and is involved in the Piedmont Alliance for Cancer Research and Education (PACRE) breast cancer project. Dr. Flack serves as PACRE board member.

Develop and Submit Grant Applications

Several grant applications were developed and submitted during this report year. One of the post docs submitted a grant to the Susan G. Komen Breast Cancer Foundation entitled "Improving Early Detection & Treatment of Breast Cancer Among Underserved Women Living in Public Housing Communities. This grant received funding (\$34,924.00). Another grant entitled "Breast Cancer Screening Adherence in Older African-American Women," was submitted to the Piedmont Alliance for Cancer Research and Education (PACRE). A grant proposal related to the tumor marker study was also submitted to PACRE at Wake Forest University.

On a yearly basis, the faculty post docs travel to Johns Hopkins to meet with their mentors. These visits took place on April 21 through April 25, 2003 for some of the post docs. The others met on July 6 through July 11, 2003. These meetings allowed the post docs to have one-on-one discussions with their mentors, to meet directly with the biostatistician and to collaborate with established cancer researchers from well-known

organizations ie NIH and NINR. Outcomes for these visits included the critiquing of their manuscripts, critiquing of the research proposals that were submitted for funding for the pilot studies and to identify additional funding mechanisms for the pilot studies.

The training activities of the post docs have included seminars by WSSU and WFUBMC consultants and advisors. These were opened to all faculty at WSSU. Seminars were presented on a number of qualitative research issues including: 1) Sampling and Sample Size, 2) Measurement Error and 3) Survival Analysis.

Design and Implement Breast Cancer Pilot Studies

In Phase 2 The pilot studies are slated to be designed and implemented. The post-docs are at various stages of this phase. One post doc has gained approval from the WSSU IRB. All post docs have developed research models, develop and refined the research question, and conducted literature searches. One post-doc is in the development stage of the survey instrument. The following are the approved research questions along with the research model:

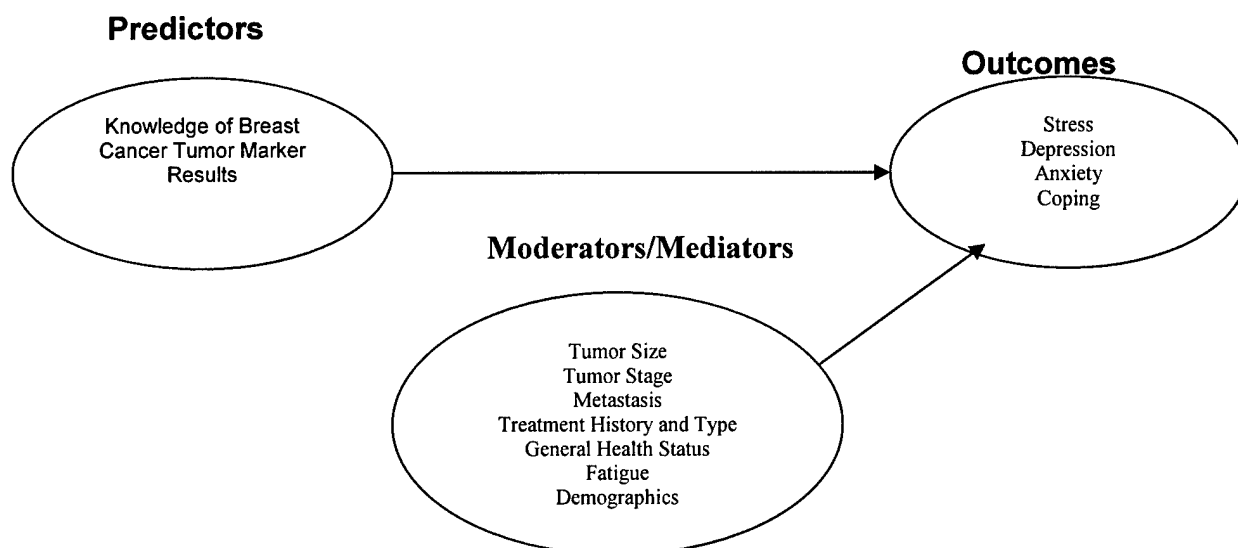
Pilot Study 1

Knowledge of Breast Cancer Tumor Marker Results as a Predictor of Emotional Distress

Research Question

Does Knowledge of Cancer Tumor Markers Predict Emotional Distress?

Research Model



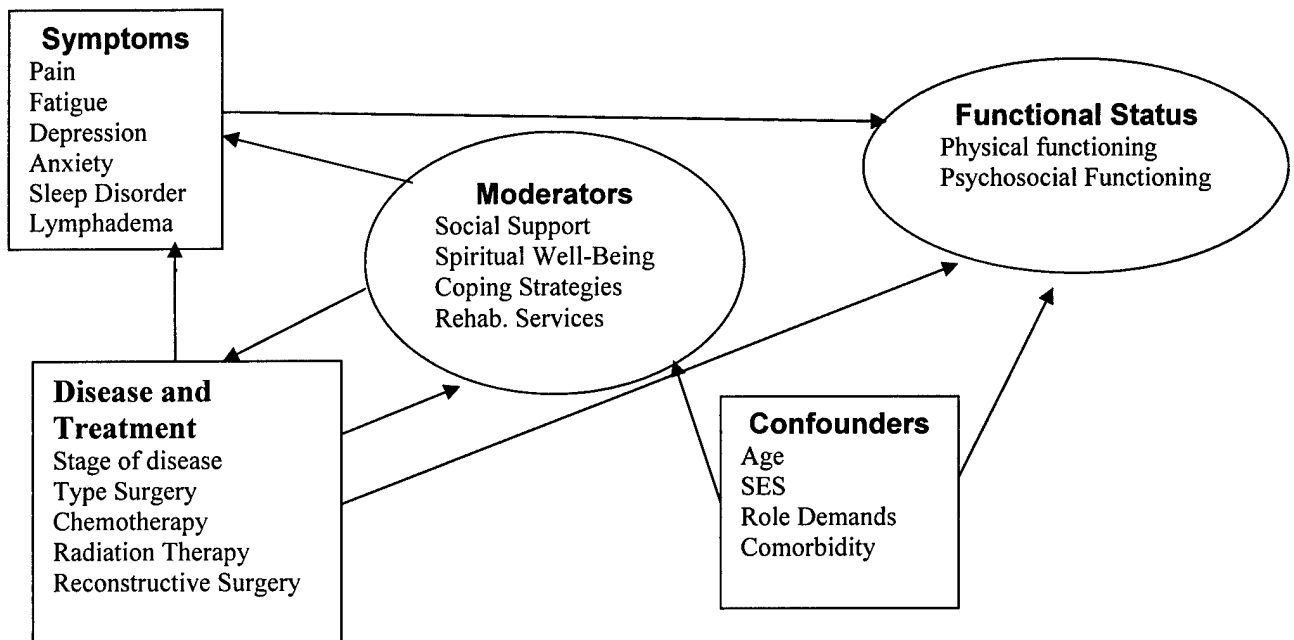
Pilot Study 2:

Research Question: What are the predictors of functional status in older minority women who have been treated for breast cancer?

Dependent Variable: Level Functional Status (physical, emotional, and social)

Independent Variables: Symptoms and Disease and Treatment (level of pain, fatigue, depression, anxiety, sleep, presence of lymphadema, stage of disease, type of treatment).

Research Model

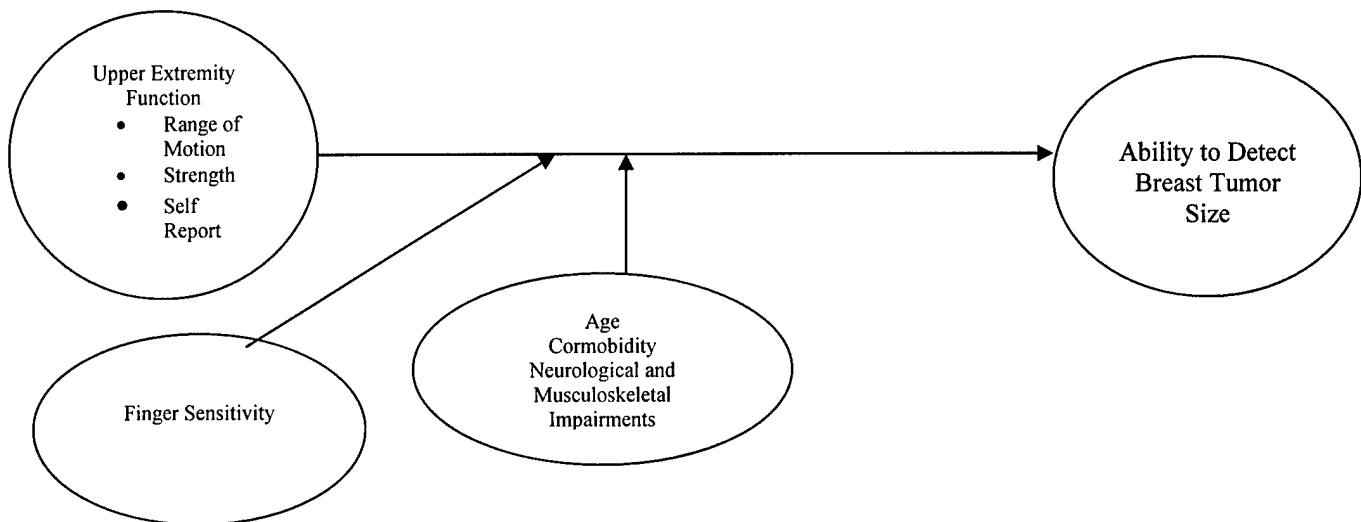


Pilot Study 3
Factors That Predict Elderly Women's Ability to Detect Breast Tumor Size

Research Question

What is the relationship between hand and upper extremity function, and tactile sensitivity of the fingers and the ability of elderly minority women to detect breast tumor size?

Research Model

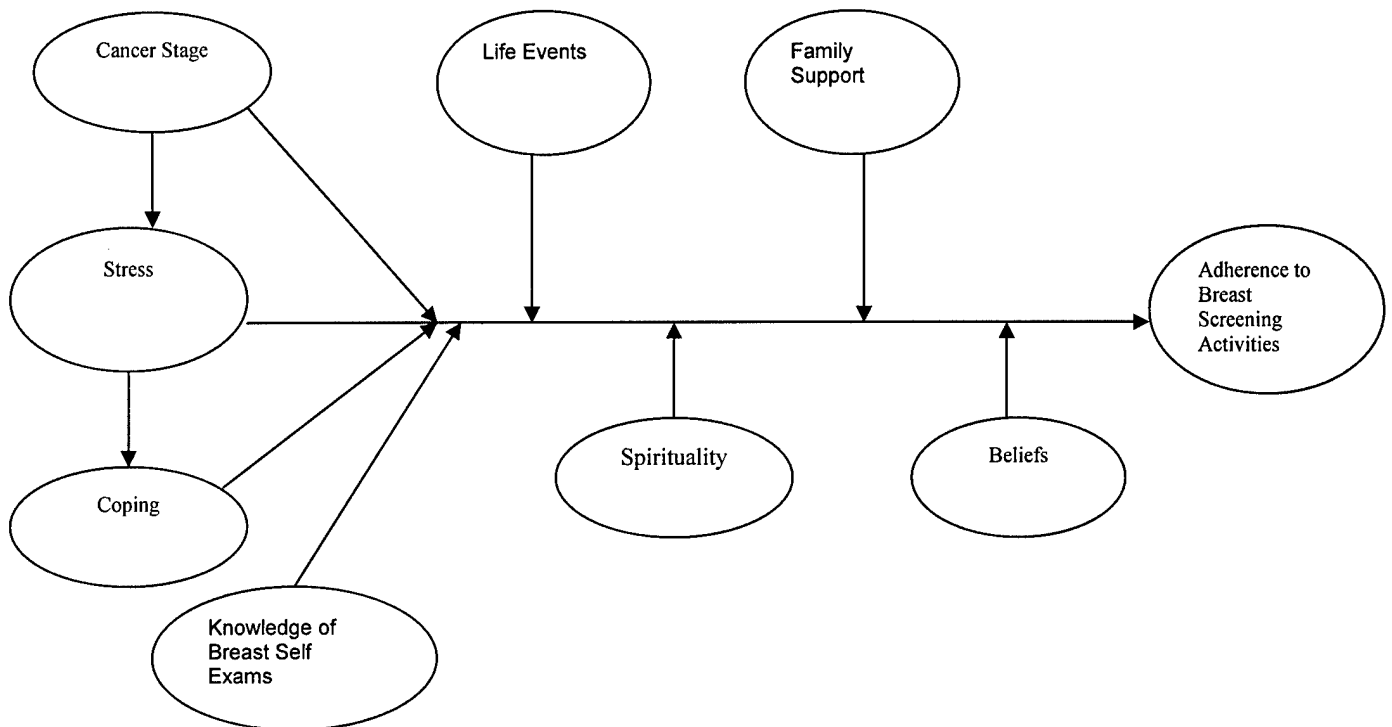


Pilot Study 4
Breast Cancer Screening Adherence in Elderly Minority Women

Research Question

What are the relationships among stress, knowledge of BSE, coping, tumor size (cancer stage) and adherence to breast screening activities?

Research Model



Training Program for Future WSSU Researchers

The training process has been initiated for future WSSU researchers. The post docs have started to identify future researchers in their respective areas. Dr. Donna Leach is the chair of Clinical Laboratory Sciences at WSSU (see Appendix C) is the mentee of Dr. Denny Ryman. Dr. Patricia Bowyer-Johnson is an assistant professor in the Occupational Therapy Department (see Appendix D) and is the trainee of Dr. Lynda Baldwin. The post docs along with their trainees have attended breast cancer conferences, seminars and research workshops. This includes the Second Annual Future of Breast Cancer: An International Breast Cancer Congress conference from July 30 – August 4, 2003 in Banff, Canada. Dr. Bowyer-Johnson was able to attend the sessions at Johns Hopkins this spring and has started to work with mentor Dr. Vickie Mock. After attending this session, Dr. Bowyer-Johnson has designed a breast cancer project. A shortage in faculty members has prevented the other post docs from identifying and training a future breast cancer researcher at this time. As the faculty shortage is in the resolution phase, the post docs will soon be able to achieve this goal.

Interdisciplinary Team Meeting

The Interdisciplinary Team meets yearly for updates, revisions, and to keep an overall consensus for the project. This years meeting had to be rescheduled due to unforeseen circumstances. The meeting will take place in December 2003. Specifics of the meeting will be included in next years report.

Staffing Changes

Dr. Campbell project director has committed to a Principal Investigator role in another project August 2003. An additional project director has not been identified at this time.

Rodger Melton was the new director of the Community Family Practice and Wellness Center (formerly University/Community Wellness Center) and had assumed the role of securing sites for data collection and subjects. In July 2003, Mr. Melton accepted a position at another facility and therefore resigned from the university. Ms. Jo Dowell is the interim director for the Community Family Practice and Wellness Center. Ms. Dowell has extensive experience in research and working with the underserved population (see Appendix A). Dr. Anne Belcher joined the project as a mentor from JHU. Dr. Belcher is currently a Senior Associate Dean for Academic Affairs at JHUSON. She brings to the project an extensive background in cancer research (see Appendix B). As mentioned in last years report, Dr. Hamdy Radwan joined the project at a later date. He has designed his pilot study and has developed a research proposal under the supervision of his mentor Dr. Anne Belcher at JHUSON. They plan to obtain IRB approval by the end of this year

Research Center

The research center is now housed in the addition to the current SOHS' building. Resources for the research center are collected continuously. Below is a list of items that are housed in the center. These items were previously obtained and included in last years report. Books identifying potential funding sources and additional cancer related articles have been added to this list.

- Approximately 500 (+) articles on breast cancer and related topics have been obtained and are ready to be filed
- Bibliographic software has been purchased for each of the faculty post docs. In addition, the software has been loaded on a computer in the Research Center that will contain references on each of the articles on file
- All grants submitted in the School of Health Sciences have been placed in notebooks for faculty review
- Guidelines and application for IRB approval are on file
- Internal processing forms for external grant submissions are on file
- Research design books have been purchased
- Computers, which will store quantitative and qualitative statistical packages, have been purchased
- Lists of books identifying potential funding sources

KEY RESEARCH ACCOMPLISHMENTS

- **Dr. Sylvia Flack, PI**, presented a session entitled "Developing a Training Program in Breast Cancer Research to Decrease the Disparity of Morbidity and Mortality in Underserved/Minority Women" at the Community-Based participatory Research Workshop -Center for Innovation in Health Disparities Research; in Chapel Hill, NC - September 16, 2003.

Sits on the board of the Piedmont Alliance for Cancer Research and Education (PACRE).

- **Dr. Denny Ryman** presented an oral presentation/discussion on breast cancer tumor markers for Advance Magazines in Charlotte, Spring 2003.

Attended and Presented:

Attended and presented an abstract at the International Future of Breast Cancer Conference in Banff, Alberta, Canada in July, 2003.

Submitted:

Submitted a manuscript to the Journal of Psychosocial Nursing in September 2003; it has been accepted for review.

Submitted a grant proposal for tumor marker study to PACRE (Wake Forest University) in Fall 2003.

- **Dr. Bobbie Reddick** attended the Community-Based participatory Research Workshop – Center for Innovation in Health Disparities Research – September 16, 2003 in Chapel Hill, NC.

Attended:

The Second Annual Future of Breast Cancer : An International Breast Cancer Congress –July 30 – August 4, 2003 – Canada.

The Seventh National Conference on Cancer Nursing Research – February 6-8, 2003 in San Diego, California.

Cancer Prevention in Underrepresented Minorities: How Do We Make It Work? April 11-13, 2003 – Winston-Salem, NC- Graylyn International Conference Center of Wake Forest University.

Presented:

“A Woman’s Touch” at the Sixth Annual Research Conference: Health Disparities in Underserved Minority Populations: From a Global Perspective – NC A & T State University – October 15, 2003.

“A Woman’s Touch” at the Cancer Prevention and Early Detection program for HBCU/MI Nurse Educators – May, 30-31, 2003 Miami, Florida.

“A Woman’s Touch” Breast Cancer Education Project at a WSSU - Faculty Seminar Luncheon – April 24, 2003.

Funding:

Received: “Improving Early detection and Intervention of breast cancer among underserved women living in public housing communities” – from the Susan G. Komen Breast Cancer Foundation - \$34,924.00 – January, 2003 December, 2003.

Submitted:

“Breast Cancer Screening Adherence in older African-American Women’ to the – Piedmont Alliance for Cancer Research and Education (PACRE) in Fall 2003.

Abstract to the 2003 Congress of Oncology Nursing Society – Poster not selected for presentation.

Received:

School of Health Sciences Spirit Award for excellence in Faculty Poster Presentation – Research Day – April 8, 2003.

School of Health Sciences Spirit Award for Outstanding Scholarship – May 5, 2003.

WSSU – Wilveria B. Atkinson Distinguished Research Award – April 2003.

- **Dr. Lynda Baldwin** presented at the North Carolina Occupational Therapy Conference on “Minority Women’s Beliefs about Cancer,” in September 2003.

REPORTABLE OUTCOMES:

Research

Abstracts:

- Dr. Bobbie Reddick submitted an abstract to the 2003 Congress of Oncology Nursing Society.

Presentations:

- Dr. Ryman presented an oral presentation on breast cancer tumor markers for Advance Magazines in Charlotte, NC in Spring 2003.
- Abstract was chosen for presentation at the Second Annual Future of Breast Cancer: An International Breast Cancer Congress in Banff, Canada.
- Dr. Lynda Baldwin presented at the North Carolina Occupational Therapy Conference in September 2003.

Career Development

Grants and other funding

Applied for:

- Breast Cancer Screening Adherence in Older African –American Women. Piedmont Alliance for Cancer Research and Education (PACRE).
- A grant proposal related to the tumor marker study was also submitted to PACRE at Wake Forest University.

Received:

- "Improving Early Detection and Treatment of Breast Cancer Among Underserved Women Living in Public Housing Communities. Susan G. Komen Breast Cancer Foundation.

Appendix Materials (See Attachments)

Curriculum Vitae

Jo Dowell, MSN, APRN, PNP, FNP, BC, SANE
2980-I Walnut Forest CT
Winston-Salem, NC 27103
H (336) 794-7600 Wk (336) 761-2184 wk cell (336) 414-9391
Email: abrabian2@aol.com
jdowell@email.unc.edu
dowellja@wssu.edu

EDUCATION

Doctoral student in Nursing, beginning, Summer, 2002
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

Post-Master Pediatric Nurse Practitioner, 2001
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

Master of Science in Nursing, December 1995
Family Nurse Practitioner
East Tennessee State University
Johnson City, Tennessee

Graduate Courses (12 credits) Computer Sciences:
Programming, June 1993
A & T State University
Greensboro, North Carolina

Bachelor of Science Degree in Nursing May 1991
Gardner-College
Boiling Springs, North Carolina

Associate in Applied Science, January, 1973
Bronx Community College
Bronx, New York

CERTIFICATIONS

Post-Master PNP Certificate
SANE Certified Number 75
Board Certified APRN
American Heart Association
 Pediatric Advance Life Support
 Basic Cardiac Life Support
Postgraduate certificate on sickle cell disease, 1983

ORGANIZATION MEMBERSHIP

North Carolina Pediatric Society
Sigma Theta Tau International
Section on School Health, American Academy of Pediatric
National Association of Pediatric Nurse Practitioners
NC Child Advocacy Group
Coalition for Healthy North Carolina Youth
Society on Adolescent Medicine
American School Health Association
American Nurses Association
NC Nurse Practitioner Council
American Academy of Nurse Practitioners
Northeastern Tennessee NP's and PA's Association (currently
non-active)
National Health Service Corp
Lumberton International Rotary Club, Lumberton, NC
NC Coalition of Rural Health Providers

AWARDS

Sigma Theta Tau International
North Carolina Air Awareness Program Award, 2001
Winston-Salem State University Honors Society, 2001
Sprit Service Award at Winston-Salem State University, 2000
Professional Service Award, 2000
Deans Advisory Board for (1 year term)
College of Nursing
East Tennessee State University, (1994-1995)

HONORARIUM

2000, NC NAPNAP Conference

EMPLOYMENT HISTORY

October 9, 2000 - present

Winston-Salem State University, University/Community Wellness Center, 2050 East End Blvd, Winston-Salem, NC 27101, (336) 727-0617 ext.234. Responsibilities included but not inclusive healthcare provider providing diagnostic skills, prescribing, and treating acute illness. Develop a primary clinic in head start setting providing primary care to ages 3-5 year old and their family. Serving a population consist of 38% Hispanics and 60% Afro-American. As the only provider in the primary family practice clinic, oversee the billing; making necessary referrals; providing phlebotomy service; counseling and triaging as necessary. Also, provided health education and developing many programs. Served as the interim Directory of the WSSU: Community Family Practices. Presented at several health fair, providing mass screening as well. As a faculty member duties included teacher Health Assessment to RN/BSN students, precept students in the clinical environment. Participated in several classes as a guest speaker. Presented at various poster presentations.

May 22, 2000 - September 2, 2000

Guilford Child Health

400 E. Commerce Ave, High Point, North Carolina, 336-272-1050. Responsibilities included but not inclusive healthcare provider providing diagnostic skills, prescribing, and treating acute illness. Participated in several community health fairs.

October 5, 1998 - May 18, 2000

Firsthealth of the Carolinas, Community Health Services, Moore & Montgomery School Health Programs, 522 Allen Street, Suite 103, Troy, NC 27371, (910) 571-5510. Responsibilities included but not inclusive healthcare provider providing diagnostic skills, prescribing, treating acute illness, coordination of a new school-link health program, and meeting the health care needs of 9 schools from K-12. Provided health education classes on a variety of health related topics.

Provided some community health education classes to kindergarten parents. Participated in multiple health fairs and provided some health screening.

June 30, 1997 - October 1, 1998

Roland Primary Health Center, Affiliated with McLeod Physician's Services, Inc., P.O. Box 804, 114 East Main Street, Rowland, NC 28383. Responsibilities included but not inclusive healthcare provider providing diagnostic skills, prescribing, and treating acute illness, coordination of new healthcare facility, management, and education of clients and the community about the center. Participated in marketing strategies, church health fair and screenings. Provided health information on local television station.

November 4, 1996 - May 31, 1997

Lake City High Health Connection affiliated with Black River Healthcare, Inc., 652 North Matthews Road, Lake City, SC 29560. Responsibilities included but not inclusive healthcare provider, coordination of new program, management, education of students, facility, and general public about health related issues. Participated in marketing of the health center through several television campaigns. Provided variety of other duties such as diagnostic skills, prescribing, and treating acute illness. As the only provider for these high-risk teens, address various health issues that applied. Develop several programs such as smoking cessation and "It's Ok to Wait". Wrote a "Coastal Report" reviewing the stats of this population.

January 2, 1996 - September 5, 1996

Mountain View Pediatrics, PA, 100 Medical Heights Drive, Morganton, NC 28655. Responsibilities included but not inclusive healthcare provider providing diagnostic skills, prescribing, and treating acute illness. Coordinate the setting up Emergency Protocol in a primary care practice. Instrumental in having all employees to be CPR certify. Provided on going community education by speaking before young teen single parents about parenting. Perform OB consultation to new parents. With admitting

privileges provided ongoing consultation the clients and parents. Participated in community health fairs.

May, 1994 - December, 1995

East Tennessee State University, Johnson City, TN, Graduate Assistant in School-Based Clinic. Responsibilities included clinician role, data entry, and general secretarial support. Plus, perform as research assistant to several professors on several grants and/or projects.

January 1973 - October 1994

Wake Forest University Baptist Medical Center, Brenner Children's Hospital, Winston-Salem, NC 27157, RN to Assist Head Nurse. Responsibilities included providing care for critically ill children to general pediatric care. Responsible included management of a staff about 20 on a neurosurgical unit, and management on general pediatric unit and Pediatric Intensive Care Unit. As a child's advocate participated in a variety of health education related to children also community programs that affect the health outcome of children. Provided health education to teachers. Developed critical care reference cards for the staff in the PICU (1989).

August 1993 - July 1984

Winston-Salem State University, Winston-Salem, NC, Part-time clinical instructor. Responsibilities included teaching pediatric clinical for undergraduate nursing students. Provided some tutoring services during that time.

July 1982 - July 1984

Bowman Gray School of Medicine, Winston-Salem, NC, Pediatric Sickle Cell Nurse Coordinator. Responsibilities included coordinating the operation of a (\$25,000 grant) sickle cell program in affiliation with BGSM. Provided support group and counseling for the sickle cell children and adolescents and their families. Provided several educational programs for the families.

VOLUNTEER SERVICES

April 2003

Medical Mission in Dominican Republic

March, 2002

Community Care Center, Winston-Salem, NC, Family & Pediatric Nurse Practitioner. Responsibilities included but not inclusive healthcare provider providing diagnostic skills, prescribing, and treating acute illness with women and children health

ADDITIONAL PEDIATRIC CLINICAL EXPERIENCES

Sandhills Pediatrics, Inc. (2001)

WakeMed Pediatric Urgent Care (2001)

Asheboro Pediatrics (2001)

PROFESSIONAL ACCOMPLISHMENTS

Medical Mission in Dominican Republic, April, 2003

Member of Durrant Children's Center Advisory Council

Member of Pee Dee Coalition Against Domestic and Sexual Assault Advisory Council

Founder and Chair, NC Pediatric Nurse Council, 1991-1995

Appointed to the Cabinet on Research, North Carolina Nurses Association, 1993-1995

Participated with the French/American Forum on children, September 1993 sponsor by the French-American Foundation

Developed pediatric critical care reference cards, 1991

Developed pediatric critical care nurse support group, 1991

Developed an orientation package for pediatric critical care nurses, 1990

Contributed to the development of quality assurance in the hospital, NCBH, 1983

Co-initiated name alert program for those with same last names in NCBH, 1982

Proficient with computers-multiple software programs from graphics, word processor, spreadsheets, and statistical software. I have designed a computer-assisted program for parents on safety prevention in children.

Spanish Language - minimal ability to communicate

PUBLICATIONS

- Dowell, J. A. (2001). Healthcare providers effect on the outcome of children's rights. (Manuscript submitted for publication)
- Dowell, J.A. (1997). A Coastal School-Based Health Center Report. (Unpublished raw data)
- Dowell, J.A. & Vaughn, J.A. (1995). Effects of Relaxation Techniques on frequency of headaches in adolescents: A meta-analysis. (Unpublished graduate manuscript) East Tennessee State University, Johnson City, TN
- Dowell, J.A. (1995). Interactive Relaxation Disk for Headache Frequency (Unpublished intervention)
- Dowell, J.A., Carroll, K., Trivette, J., & Bradner, S. (1995). Well Women Care: A book of Protocols. (Unpublished manuscript submitted to East Tennessee State University as a women's health project.)
- Dowell, J.A. (1993). Decisions: Should we allow children to participate in the decision of their own health care? How I Put A Sound Track Slide Production Together. (Unpublished educational computer assisted tool).
- Dowell, J.A. (1993). CAPii-Cu: A Computer Assisted Instruction of Orientees. (Unpublished educational computer assisted tool).
- Dowell, J.A. (1993). "Child's advocates". NCBH Nursing Monitor, 93, 2, 1-3.

POSTER PRESENTATION

- Dowell, J.A. (2002). "Catch me if you can." Poster session presented at Wake Forest University Baptist Medical Center's Best Health: Healthy, Wealthy, & Wise Expo, Winston-Salem, NC.
- Dowell, J.A. & Vaugh, J.A. (2001, April). Effects of Relaxation Techniques on frequency of headaches in adolescents: A meta-analysis. Poster session presented at Duke Children's Primary Care and UNC Division of Community Pediatrics annual pediatric primary care conference, Chapel Hill, NC.
- Dowell, J.A. & Vaugh, J.A. (2001, April).

Effects of Relaxation Techniques on frequency of headaches in adolescents: A meta-analysis. Poster session presented at Piedmont Triad Research and Technology: Connectivity Expo 2001, Winston-Salem, NC.

Walls, J., Adams, V., Opewall, S. & Dowell, J. (1994). Common Complaints Among High School Students: Interventions and Outcome. Poster session presented at an annual school health conference, New Mexico

LEADERSHIP

Interim Director of the WSSU: University/Community Wellness Center (April - June, 2002)

CURRENT COMMITTEES

Chair, Legislative Committee, Charlotte Chapter, NAPNAP, 2003
 Health Advisory Committee for Forsyth County Family Services, Inc., 2002, 2003
 School Health Advisory Committee for Forsyth County Advisory Committee (Search Committee for Graduate Nursing Program, 2002
 Chair Hispanic Community Health Committee (2001-presently), 2002
 Research Committee, 2002

Reference upon request

Curriculum Vitae

PERSONAL DATA:

Anne E. Belcher, PhD, RN, AOCN, FAAN
 Senior Associate Dean for Academic Affairs
 Johns Hopkins University, School of Nursing
 Room 465, 525 N. Wolfe Street
 Baltimore, MD 21205-2110
 Telephone Number: 410-614-4081
 Fax Number: 410-955-7463
Abelche2@son.jhmi.edu

Home Address:
 101 N. Collington Avenue
 Baltimore, MD 21231
 Telephone Number: 410-675-2795

EDUCATION AND TRAINING

<u>Institution</u>	<u>Discipline</u>	<u>Conferred</u>	<u>Degree Year</u>
The Florida State University Tallahassee, Florida	Higher Education Adult Education	Ph.D.	1975
University of Washington Seattle, Washington	Medical-Surgical Nursing Education	M.N.	1968
University of North Carolina Chapel Hill, North Carolina	Nursing	B.S.N.	1967

CURRENT LICENSE AND CERTIFICATION

Maryland RN License – R100189
 2002 Oncology Nursing Certification Corporation Advanced Oncology Certified Nurse
 (Expiration date, 2006).

PROFESSIONAL EXPERIENCE

<u>Year</u>	<u>Title</u>	<u>Institution</u>
12/2002-Present	Senior Associate Dean for Academic Affairs	Johns Hopkins University School of Nursing

5/2002-12/2002	Associate Professor, Acting Associate Dean for Professional Education Programs and Practice	Johns Hopkins University School of Nursing
8/00 to 4/2002	Professor and Director Undergraduate Program	Thomas Jefferson University College of Health Professions Department of Nursing Philadelphia, Pennsylvania
7/98 to 8/2000	Associate Professor Department of Adult Health Nursing	University of Maryland School of Nursing Baltimore, Maryland
1/98-6/98	Sabbatical	University of Maryland, Baltimore
9/97-12/97	Senior Specialist for Curriculum Development and Evaluation	University of Maryland School of Nursing Baltimore, Maryland
7/92-9/97	Chairperson, Department of Acute and Long-term Care Nursing	University of Maryland School of Nursing Baltimore, Maryland
8/90-6/92	Acting Chairperson, Department of Psycho- physiological Nursing	University of Maryland School of Nursing Baltimore, Maryland
8/88-7/90	Associate Professor, Nursing	University of Maryland School of Nursing Baltimore, Maryland
1988-2000	Associate Professor, Greenbaum Cancer Center	University of Maryland School of Medicine Baltimore, Maryland
6/86-8/87	Associate Dean for Academic Affairs	Columbia University School of Nursing New York, New York
9/85-7/88	Associate Professor of Clinical Nursing	Columbia University School of Nursing New York, New York
7/83-7/85	Director of Nursing Staff Development	University of Alabama Hospitals Birmingham, Alabama
	Clinical Associate Professor	University of Alabama School of Nursing Birmingham, Alabama

6/81-7/85	Part-time Staff Nurse	University of Alabama Medical Oncology Hospital Birmingham, Alabama
9/77-6/83	Associate Professor MSN/DSN Programs	University of Alabama in Birmingham, Alabama
	Coordinator, MSN Program in Adult Health Nursing	School of Nursing Birmingham, Alabama
9/75-8/77	Assistant Professor Co-Director, Curriculum of Attainments for RNs Tallahassee, Florida	The Florida State University School of Nursing
9/72-8/75	Instructor, Coordinator Level III, Nursing of Patients with Extended Health Problems	The Florida State University School of Nursing Tallahassee, Florida
6/72-8/72	Staff/Charge Nurse Medical Unit	Tallahassee Memorial Hospital Tallahassee, Florida
9/69-6/72	Instructor, Medical- Surgical Nursing	The Florida State University School of Nursing
6/69-8/69	Staff/Charge Nurse ICU	North Carolina Memorial Hospital Chapel Hill, North Carolina
9/68-6/69	Instructor, Medical- Surgical Nursing	The Florida State University School of Nursing Tallahassee, Florida
6/67-8/67	Staff/Charge Nurse Surgical Unit	North Carolina Memorial Hospital Chapel Hill, North Carolina

HONORS AND AWARDS

2000	American Cancer Society Certificate of Appreciation For Outstanding Service to The ACS Reach to Recovery Program, Greater Baltimore Unit
2000	Certificate of Appreciation, Hadassah of Baltimore
2000	Recipient of the 50 th Anniversary Dean's Award for Distinguished Contributions to Nursing Education, University of North Carolina at Chapel Hill, November 9, 2000.
1997	Martin L. Weil Award, Maryland Council, American Cancer Society
1996	Inducted into Fellowship in the American Academy of Nursing Chair, Expert Panel, Palliative and End-of-life Care (2001 -)

1992-1995	American Cancer Society Professor of Oncology Nursing
1988-1991	Maryland Division, American Cancer Society, Professor of Oncology Nursing
1988	Alumnus of the Year, University of North Carolina at Chapel Hill School of Nursing Alumni Association
1985	Arkansas Traveler, Office of the Governor
1985	Plaque of Appreciation, American Cancer Society, Alabama Division
1982	Honorary Lifetime Member, Florida Association of Nursing Students
1980	Volunteer of the Year, American Cancer Society, Alabama Division
1979	Omicron Delta Kappa
1977	Certificate of Appreciation, American Cancer Society, Florida Division
1976	Who's Who in Florida
1974	Phi Kappa Phi
1966	Sigma Theta Tau Vice President, Beta Pi Chapter (1975-1976) President, Beta Pi Chapter (1976-1977) Treasurer, Nu Chapter (1978-1982) Regional Chapter Coordinating Committee, Region III (1981-1985) Recipient, Outstanding Nurse Leader Award, Nu Chapter (1983) Member, National Bylaws Committee (1985-1987) President, Alpha Zeta Chapter (1986-1988) First Vice-President, Pi Chapter (1991-1993) Graduate Counselor, Pi Chapter (1996-1998) Member, Delta Rho (2000-2002) Member, Nu Beta (2002-)

SPONSORED PROJECTS – Intramural and Extramural

2002	Co principal investigator with Margaret Griffiths, "An analysis of spiritual expression and spiritual care among hospice and home care nurses," Thomas Jefferson University College of Health Professions, Department of Nursing Research Seed Grant, \$1200.
2001	Co principal investigator with Margaret Griffiths, "An analysis of spiritual expression and spiritual care," Thomas Jefferson University College of Health Professions, Department of Nursing Research Seed Grant, \$1500.
1992	Co-investigator, "Practices and attitudes regarding spiritual care: A survey of oncology nurses." Spiritual Care Special Interest Group, Oncology Nursing Society (funded).
1992-1995	American Cancer Society Professor of Oncology Nursing (funded), \$75,000.
1991	Co-investigator, "Prediction of coping efficacy in patients diagnosed with lymphoma, breast

- prostate or cervical cancer." PI L. Robinson. Received UM Graduate School SRIS and GRA funding.
- 1990 Site investigator, collaborative study, "Knowledge and beliefs regarding pain in a sample of nursing faculty." M. Donovan, B. Ferrell, and D. McGuire, PIs, funded by I.E. DuPont De Nemours and Co, Inc.
- 1989 Belcher, A., & Polomano, R. "Impact of Serum Calcium Levels on Patient Activity, Selected Physiologic Parameters, Affect, and Cognitive Function." Funded by UMSON DRIF and Foundation for Nursing of Maryland.
- 1989 Carson, V., Soeken, K. & Belcher, A. "The relationships among the concepts of spiritual well-being, hardiness, and ego strength in persons with acquired immunodeficiency syndrome (AIDS)." Funded by Pi Chapter, Sigma Theta Tau.
- 1988-1991 Maryland Division American Cancer Society Professor of Oncology Nursing (funded).
- Fall 1988 Recipient, University of Maryland School of Nursing DRIF funds for study "Spirituality in Persons with AIDS."
- 1988 Author, Advanced Nurse Education Program: Oncology Nurse Specialist, Continuation Grant, Division of Nursing, HHS, Awarded to Columbia University School of Nursing.
- 1986-1988 Project Director, Advanced Nurse Education Program: Oncology Nurse Specialist. Division of Nursing, DHHS, Awarded to Columbia University School of Nursing.
- 1984 Author, Expansion Master's Adult Health Major - Trauma CNS Option Advanced Nurse Training Program, Division of Nursing, HHS, Awarded to University of Alabama School of Nursing.
- 1979-1983 Principal Investigator and Project Director, Development of a Model Post- Master's Fellowship Program in Oncology Nursing Education. National Cancer Institute. Awarded to University of Alabama School of Nursing.

UNSPONSORED PROJECTS – Intramural and Extramural

- 1999 Principal investigator, "Parental coping with childhood cancer" with Hae Ra Han.
- Principal investigator "Comparative cytogenetic study among nurses dealing with malignancy treatments" with Bahiga Galal, University of Menoufiya, Egypt.
- 1993 Co-investigator, "Instruction in the techniques and concept of supportive care in oncology," with C. Belani, R. Sridhara, S. Schimpff. UM School of Medicine.
- 1992 Site coordinator, Pilot testing draft of AHCPR Cancer Related Pain Guidelines.
- 1988 Co-investigator, "Spirituality in Persons with AIDS," with D. Dettmore, Columbia University School of Nursing.

1987-1988 Memorial Sloan-Kettering Cancer Center

1. One of ten investigators responsible for a study conducted in the Post-Anesthesia Care Unit (PACU) - "A comparison of three nursing interventions to warm patients and reduce the duration of hypothermia in the PACU."
2. Consultant to nurses in the Bone Marrow Transplant Unit conducting "A multiphasic exploratory study to identify factors affecting nursing time spent administering oral nonabsorbable antibiotics in a laminar airflow."
3. Consultant to nurses in the Special Care Unit who conducted a study which resulted in a policy change - "A comparison of two techniques for obtaining partial thromboplastin times: Arterial line vs. venipuncture."

1975 Belcher, A. E. Utilization of a Competency-Based Approach to the Development of Individualized Instructional Packages in Pharmacology for Professional Nursing Students. Unpublished Doctoral Dissertation, The Florida State University, Tallahassee, Florida.

1968 Belcher, A. E. The Use of the Cornell Medical Index - Health Questionnaire as a Measure of Preoperative Anxiety. Unpublished Master's Thesis, University of Washington, Seattle.

SCHOLARSHIP

Publications

Journal articles

Resnick, R. & **Belcher, A.** (2002). Helping your breast cancer patients decide about reconstruction, American Journal of Nursing, 102(4), 26-34.

Han, Hae-Ra & **Belcher, A.** (2001). Computer-mediated support group use among parents of children with cancer--An exploratory study. Computers in Nursing, 19(1), 27-33.

Stanik-Hutt, J., Soeken, K., **Belcher, A.**, Fontaine, D. & Gift, A. (2001). Pain experiences of traumatically injured patients in a critical care setting. American Journal of Critical Care, 10(4), 252-259.

Belcher, A. & Sibbald, G. (1998). Mentorship: The ultimate professional relationship. Ostomy/Wound Management, 44.

Phillips, J. & **Belcher, A.** (1998). Integrating cancer risk assessment into a community health nursing course. Journal of Cancer Education, 14(1), 47-51.

Belcher, A.E. & Shurpin, K. (1995). Education of the advanced practice nurse in oncology, Oncology Nursing Forum, 22(8), 1924 (Supplement).

Belani, C., **Belcher, A.**, Sridhara, R., & Schimpff, S. (1994). Instruction in the techniques and concept of supportive care in oncology. Supportive Care in Cancer, 2, 50-55.

Waltz, C.F., & **Belcher, A.** (1994). The reaccreditation process. A commentary/reaction to opinions of Jerome P. Lysaught. Evaluation and the Health Professions, 17(4), 396-401.

Mickley, J., Soeken, K., & **Belcher, A.** (1992). Spiritual well-being, religiousness and hope among women with breast cancer. Image. Journal of Nursing Scholarship, 24(4), 267-272.

Belcher, A. (1991). Psychosocial issues for the family. Oncology Patient Care, 2, 10-12.

Carson, V., Soeken, K., & **Belcher, A.** (1991). The relationship among spiritual well-being, hardiness, and ego strength in persons with acquired immunodeficiency. The Journal of Christian Healing, 13(2), 21.

Belcher, A.E. (1990). Nurses: Workhorses or wonderworkers. Journal of Pediatric Oncology Nursing, 7(2), 65-66.

Belcher, A.E. (1990). Nursing aspects of quality of life enhancement in cancer patients. Oncology, 4(5), 197-199.

Belcher, A., Dettmore, D. & Holzemer, S. (1989). Spirituality and sense of well-being in persons with AIDS. Holistic Nursing Practice, 3(4), 16-25.

Gaits, V., Ford, R., Kaplow, R., Bru, G., **Belcher, A.**, Brown, M. and Bookbinder, M. (1989). Unit-based research forums: A model for the clinical nurse specialist to promote clinical research. Clinical Nurse Specialist, 3(2), 60-65.

Lowe, J., **Belcher, A.**, Smith, M., Windsor, R., and Patterson, E. (1987). Evaluation of competition as a method to recruit nurses into an employee self-help quit-smoking program. A failed experiment. Cancer Nursing, 10(4), 227-230.

Belcher, A. (1987). Defining content and methodology. Oncology Nursing Forum, 14(5), 65-67.

Belcher, A. E. (1987). International networking. Cancer Nursing, 10 (Suppl. 1).

Belcher, A. E. How to maximize your clinical experience. Imprint, September 1980.

Books/book chapters, monographs, edited symposia

Phillips, J., Williams-Brown, S., & **Belcher, A.** (in press). Culturally Competent Care. In C. Varricchio, P. Pierce, P. Hinds, & T. Ades (Eds.), A Cancer Sourcebook for Nurses. Atlanta, GA: American Cancer Society.

Belcher, A. (2001). Spirituality in persons with AIDS. In Standish, L., Calabrese, C. & Galantino, M.L. Aids and complementary and alternative medicine: Current science and practice. St. Louis: Harcourt Health Sciences Companies.

Belcher, A. & Sibbald, G. (2001) Mentoring. In Krasner, D., Rodeheaver, G. & Sibbald, G. (Eds.). Chronic Wound Care: A clinical source book for healthcare professionals. Wayne, PA: HMP Communications.

Belcher, A. & Selekoff, J. (2001) Skin care of the oncology patient. In Krasner, D. Rodeheaver, G. & Sibbald, G. (Eds.). Chronic Wound Care: A clinical source book for healthcare professionals. Wayne, PA: HMP Communications.

Phillips, J. & **Belcher, A.** (2000). General publication and authorship policies for nurses. In Klimaszewski, A.D., Aikin, J.L., Bacon, M.A., DiStasio, S.A., Ehren H.E., & Ford, B.A. (Ed.), Oncology nursing society manual for clinical trials nursing (pp. 21-27). Pittsburgh, PA: Oncology Nursing Society Press, Inc.

Belcher, A. (1998). A & P hematologic and immune system; Oncological disorders. In Hudak, C., Gallo, B. & Morton, P. Critical care nursing: A holistic approach. Philadelphia: Lippincott.

Belcher, A. (1997). Beyond preceptorships: Internships and externships, apprenticeships, and mentorships. In Flynn, J. (Ed.), The role of the preceptor: A guide for nurse educators and clinicians. New York: Springer Publishing Co.

Belcher, A. (1997). Caring for the caregiver. In Gates, R. & Fink, R. (Eds.), Oncology nursing secrets. Philadelphia: Hanley & Belfus, Inc.

Belcher, A.E. (1997). Skin care for the oncology patient. In Krasner, D. & Kane, D. (Eds.), Chronic wound care: A clinical source book for healthcare professionals (pp. 184-189). Wayne, PA: Health Management Publications, Inc.

Phillips, J., **Belcher, A.** & O'Neil, J. (1997). Special populations. In Varricchio, C. (Ed.), A cancer source book for nurses (pp. 56-66). Atlanta, GA: ACS.

Belcher, A.E. (1996). Contributor. In Cannobio, M. (Ed.), Mosby's handbook of patient teaching. St. Louis: Mosby.

Belcher, A.E. (1996). Future trends in oncology nursing and multimodal therapy. In Liebman, M. & Camp-Sorrell, D. (Eds.), Multimodal therapy in oncology nursing (pp. 491-500). St. Louis: Mosby.

Belcher, A.E. (1995). Factors affecting responses to the risk or actual diagnosis of cancer. In McMillan, S. & Pickard-Holley, S. (Eds.) Oncology Nursing Society Instructor's resource manual for the ONS core curriculum for oncology nursing lecture outlines. Philadelphia: W.B. Saunders Co.

Belcher, A.E. (1995). Contributor. The Master's Degree with a specialty in Advanced Practice Oncology Nursing: Curriculum guide. ONS/ACS.

Belcher, A.E. (1993). Teaching and learning. In Kinney, M., Packa, D. & Dunbar, S. (Eds.), AACN's clinical reference for critical care nursing (pp. 397-410). St. Louis: Mosby.

Belcher, A.E. (1993). Blood disorders. St. Louis: Mosby-Yearbook.

Belcher, A. (1992). Cancer nursing. St. Louis: Mosby-Yearbook.

Belcher, A.E. (1992). Factors affecting responses to the risk for or actual diagnosis of cancer, In Clark, J.C. & McGee, R.F. (Eds.), Core curriculum for oncology nursing (pp. 25-31). Philadelphia: WB Saunders.

Belcher, A.E. (1992). Informed consent, legislation and ethics; and Cancer through the life span, In Varricchio, C. G. & Jassak, P.F. (Eds.), Study guide for the core curriculum for oncology nursing (pp. 73-82, 99-102). Philadelphia: WB Saunders.

Belcher, A.E. (1991). Neoplastic disorders of the female reproductive system. In M.L. Patrick, S.L. Woods, R.F. Craven, J.S. Rokosky, & P.M. Bruno (Eds.). Medical-surgical nursing. Pathophysiological concepts, (pp. 2013-2032). Philadelphia: J.B. Lippincott Co.

Ashwanden, P., **Belcher, A.**, Hubbard, A., Moskowitz, R. and Riese, N. (Eds.) (1990). Oncology nursing: Advances, treatments and trends into the 21st century, Rockville, MD: Aspen.

Belcher, A. E. (1987). Communicating with the patient and family/significant others. In Ziegfield, C. (ed.) Core curriculum for oncology nursing. Philadelphia: W. B. Saunders.

Belcher, A. E. Neoplasia. In Thompson, J. et. al. Clinical nursing. St. Louis: C. V. Mosby Co., 1985; 1989; 1993.

Belcher, A. E. Hematolymphatic system. In Thompson, J. et. al. Clinical nursing. St. Louis: C. V. Mosby Co., 1985; 1989; 1993; 1997, 2000.

Belcher, A. E. & Stanhope, M. (1982). Political imperatives for nursing practice. In Lancaster, J. and Lancaster, W. Concepts for advanced nursing practice: The nurse as a change agent. St. Louis: C. V. Mosby Co.

Belcher, A. E. Taxonomy of nursing diagnosis applied. Nursing Diagnosis Newsletter, June 1980.

Belcher, A. E. (1976). Curriculum of attainments. Non-traditional developments in nursing education. Atlanta: Southern Regional Education Board, 33-38.

Editorials, reviews

Belcher, A.E. (2002). Review of Palliative care nursing: Quality care to the end of life. Nursing and Health Care Perspectives, May-June, 2002.

Satterwhite, B. & **Belcher, A.** (2000). Leadership vital to a successful voting process. ONS News, 15, 9.

Satterwhite, B. & **Belcher, A.** (1999). How can you improve the ONS election process? Encourage voting at your next chapter meeting. ONS News, 14, 13.

Satterwhite, B. & **Belcher, A.** (1998). How can chapters encourage their members to participate in ONS elections? ONS News, 13, 8.

Belcher, A.E. (1997). Review of When a parent has cancer. A guide to caring for your children. Oncology Nursing Forum.

Belcher, A.E. (1992). Review of Cancervive. The challenge of life after cancer. Oncology Nursing Forum, 19(3), 526-527.

Belcher, A. (1991). Clinical spotlight. Laughter as therapy. Delmarva Divisions, 3(3), 14-15.

Belcher, A.E. (1991). Review of Dancing against the darkness: A journey through America in the age of AIDS. Oncology Nursing Forum, 18(1), 139-140.

Belcher, A.E. (1983). Review of How nurses' emotions affect patient care. Self studies by nurses. Heart & Lung, 12(2), 208.

Belcher, A.E. (1981). Review of Inferences of patients' psychological distress: Studies of nursing behaviors. Cancer Nursing, 4(2), 342.

Belcher, A.E. (1981). Review of Nurses' responses to patients' suffering. Cancer Nursing, 4(2), 342.

Abstracts/Posters

"An Analysis of Spirituality in Nursing Education," (with Peggy Griffiths), Poster presentation, Fifth Summer Institute of the Chicago Institute for Nursing Education, Saint Xavier University, Chicago, IL, June 20,

2003.

"Spiritual expression and spiritual care in community-based settings," Poster presentation, 7th National Conference on Cancer Nursing Research, San Diego, CA, February 6, 2003.

"Clinical Informatics Faculty Role in Baccalaureate Education," (with Barbara Van de Castle), Poster presentation, 8th International Congress in Nursing Informatics, International Medical Informatics Association, Rio de Janeiro, Brazil, 2003.

"Tending the spirit," (with Peggy Griffiths, Joyce Stout, Anne Delegauski), Poster presentation for Nurses Day Celebration, Thomas Jefferson University Hospital, Philadelphia, PA, May 8, 2002.

"Analysis of spiritual expression and spiritual care," (with Peggy Griffiths), Poster presentation, Oncology Nursing Society Congress, Washington, DC, April 20, 2002.

"Breast cancer screening in nursing homes," Poster presentation with A.M. Spellbring, American Academy of Nursing Annual Meeting and Conference, Orlando, FL, November 15-16, 1996.

"Coping efficacy in patients diagnosed with lymphoma, breast, prostate, or cervical cancer," Poster presentation, 8th International Symposium, Supportive Care in Cancer, Toronto, Ontario, Canada, June 19-22, 1996.

"Impact of serum calcium levels on patient activity, selected physiologic parameters, affect, and cognitive function," Poster presentation, The Foundations for Nursing of Maryland, Inc., 5th Annual Research and Awards Program, Baltimore, MD, April 17, 1991.

"The relationship between spiritual perspective and well-being in persons with AIDS," Poster presentation with co-investigators Dianne Dettmore, RN, Ed.D, and Stephen Holzemer, RN, MSN, 1989 Sigma Theta Tau International Research Congress, Taipei, Taiwan, June 5, 1989.

"The relationship between spiritual perspective and sense of well-being in persons with AIDS," Poster presentation at the Fourth Annual Oncology Nursing National Cancer Institute, Bethesda, MD, October 23, 1989.

"The relationship among spiritual well-being, hardiness, and ego strength in persons with acquired immunodeficiency syndrome (AIDS)," Poster presentation with co-investigators Carson, V. & Soeken, K., Ninth Annual SCCEN Research Conference, Lexington, KY, December 4, 1989.

Presentations

International

"Instruction in the concept and techniques of supportive care in oncology," (with co-investigators Belani, C., Sridhara, R. and Schimpff, S.), Multinational Association for Supportive Care in Cancer, St. Gallen, Switzerland, Fall, 1994.

"Nursing Aspects of Quality of Life Enhancement in Cancer Patients," International Symposium on Quality of Life in Current Oncology Practice and Research, Long Beach, CA, February 25, 1989.

National

"An Analysis of Spirituality in Nursing Education," Fox Chase Cancer Center, Radiation Oncology Conference, Philadelphia, PA, May 23, 2003.

"Critique of 'Nurses caring for the spirit: Cancer patient and family caregiver expectations,'" Advanced Research

Session, Oncology Nursing Society Congress, Washington, DC, April 18, 2002.

“An analysis of spirituality in nursing education” (with Peggy Griffith), AACN Baccalaureate Education Conference, Washington, DC, December 7, 2001.

"Oncology nursing: Love at first sight and forever," Oncology Nursing Conference, Coeur d'Alene, ID, September 29, 2001.

"The informed and empowered nurse/advocate," Gynecologic Nurse Oncologists Meeting, Laguna Point, CA, October 14, 2000.

"Healthcare communications: Current trends," Satellite symposium, Oncology Nursing Society Congress, San Antonio, TX, May 11, 2000.

Series of lectures for CEs at Sea, September 26-October 3, 1999.

"Education for advanced practice," Oncology Nursing Society Fall Institute, Dallas, TX, November 14, 1998.

"Integrating cancer risk assessment into a community health nursing course," Paper coauthored with Janice Phillips, American Association for Cancer Education, Atlanta, GA, October 24, 1997.

"Don't laugh now, but," National Association of Neonatal Nurses 12th Annual National meeting, Nashville, TN, September 14, 1996.

"Advanced practice oncology nurses: The next generation," Paper coauthored with A. O'Mara and M. Hull, American Association for Cancer Education, Tampa, FL, November 10, 1995.

"Institutional support and program development," Issues in Education for Advanced Oncology Nursing Practice, Nurse Educators Invitational Meeting, ONS, Anaheim, CA, April 27, 1995.

"Prediction of coping efficacy," Oncology Nursing Society Annual Congress, Anaheim, CA, April 27, 1995.

"Accomplishments of the ACS Professors of Oncology Nursing," American Association for Cancer Education, Louisville, KY, November 18, 1994.

"Humor in nursing: So what's to laugh about?" NCOSGNA 1993 Ninth Annual Education Course, Cuyahoga Falls, OH, October 16, 1993.

"Oncology update," Fourteenth National Nurse Practitioner Symposium, Baltimore, MD, October 14, 1993.

"Hope vs. reality: The oncology nurse's dilemma," Oncology Nursing, Contemporary Forums, Washington, DC, October 7, 1993.

"Coping with stress," Breast Cancer Prevention Trials Workshop, Pittsburgh, PA, June 27, 1993.

"Utilizing principles of adult education in staff development," Staff Development Coordinator Conference, Home Health Services, Inc., Atlanta, GA, November 3, 1992.

"Applied nursing research equals improved patient outcomes," Toward the Year 2000... Challenges in Oncology Nursing, National Institutes of Health, Cancer Nursing Service, Bethesda, MD, October 26, 1992.

"Humor in health care," The National Nurse Practitioner Symposium, Baltimore, MD, August 21, 1992.

"Defining the nurse's role in helping patients find meaning in life," CIBA-GEIGY Quality of Life Lecture, San Diego, CA, May 15, 1992.

"Creative nursing staff development," 1990 American College Health Association Annual Meeting, San Antonio,

TX, June 1, 1990.

"The challenge of caring," Annual Conference of Service and Rehabilitation Directors, American Cancer Society, Atlanta, GA, May 9, 1990.

Keynote speaker, Annual Student Nurse Conference, American Cancer Society, Philadelphia Division, Philadelphia, PA, April 24, 1990.

"Effective Speaking," Annual Meeting of the National Perinatal Association, Washington, D.C., November 10, 1989.

"Workhorses or Wonder Workers," Association of Pediatric Oncology Nurses Annual Conference, Atlanta, GA, October 13, 1989.

"Nursing Confusion: Psychosocial vs. Spiritual," Instructional Session, "Spiritual Care: State of the Art," Oncology Nursing Society Congress, San Francisco, CA, May 20, 1989.

"Psychological Impact of Cancer Recurrence," Ninth Annual Cancer Symposium, Western Reserve Care System, Warren, OH, March 30, 1989.

"Spiritual Perspectives and Sense of Well-Being in Persons with AIDS," AIDS: The National Nursing Conference, Nashville, TN, October 18, 1988.

Regional

"Spiritual Healing," TRICARE Mid-Atlantic 2003 Regional Conference, Falls Church, VA, June 3, 2003.

"An analysis of faculty's view of spirituality and its application to nursing education," (with Peggy Griffiths), 15th Annual Research Conference, Philadelphia Area Chapters of Sigma Theta Tau International, Temple University, Philadelphia, PA, April 19, 2002.

"The essence of oncology nursing" and "Nursing...So what's to laugh about," United Health Services 10th Anniversary Oncology Teaching Day, Owego, New York, March 13-14, 2002.

"So What's to laugh about: Humor in nursing," West Jersey/Eastern Bucks County Chapter, Oncology Nursing Society, Trenton, NJ, November 13, 2001.

"The future of oncology nursing--Will we be ready?" Oncology Nursing Conference, Birmingham, AL, October 19, 2001.

"Spirituality: Its role in healthcare," Spirituality and Healing conference, West Virginia University, Morgantown, WVA, April 27, 2001.

"Humor in school nursing," Delaware School Nurses' Association Annual Meeting, Dover, DE, November 2, 2000.

"Sexual dysfunction in persons with cancer," Northern Ohio Chapter, Oncology Nursing Society, Akron, OH, September 12, 2000.

"With all due respect..." Brigham & Women's Hospital, Boston, MA, May 17, 2000.

"Nursing—So what's to laugh about," Workshop sponsored by Nation's Capital Chapter, National Association of Orthopedic Nurses, Tacoma Park, MD, October 28, 1999.

"Ethical dilemma in cancer: Care vs. cure," Cancer Nursing Conference, Walt Disney Memorial Cancer Institute, Orlando, FL, September 10, 1999.

The value of humor in the burn care continuum, "Mid-Atlantic Burn Conference, Baltimore, MD, November 16, 1998.

Keynote address and closing remarks, Annual Cancer Nursing Conference, American Cancer Society, Montgomery, AL, September 15, 1998.

"State of the Art of Research in Spirituality," Visiting Scholar, University of South Florida, Tampa, FL, June 11, 1998.

Workshop on Mentorship, St. Jude Children's Research Hospital, Memphis, TN, May 13, 1998.

"A time for laughter," Nurses' Recognition Dinner, St. Jude Children's Research Hospital, Memphis, TN, May 12, 1998.

"State of the Art of Research in Spirituality," Visiting Scholar Program, University of Texas-Houston, April 27-28, 1998.

"Nursing in the 21st century: Do we have what it takes?" New York Hospital Division of Nursing Excellence in Nursing Awards, New York City, November 12, 1997.

Presenter, Workshop on "Defusing stress: Humor as a coping strategy," Mississippi Nurses Association Annual Convention, Biloxi, MS, October 21, 1997.

"Quality of life," "Spirituality in chronic illness," Delaware Nurses Association Spring Convention, Georgetown, DE, May 8, 1997.

Member, Focus Group, "Implementing Interdisciplinary Education in a Changing Practice Environment," Maryland Gerontological Association, May 6, 1997.

"Spirituality in Cancer and AIDS," Upstate New Jersey Chapter, Oncology Nursing Society and Sigma Theta Tau International, Mu Theta and Epsilon Rho Chapters Dinner Meeting, West Orange, NJ, March 19, 1997.

"Caring for self," National Association of Orthopedic Nurses, Baltimore Chapter, Baltimore, MD, March 14, 1997.

"Coping with cancer," Annual Oncology Nursing Conference, American Cancer Society, Jackson, MS, March 6, 1997.

"Laughter as therapy," Dallas Chapter, Oncology Nursing Society, Dallas, TX, January 28, 1997.

"Humor: It can't hurt," Tressler Lutheran Services Staff Conference, Harrisburg, PA, October 17, 1996.

"Strategies for effective parent and family relationships," "AIDS update," Fall Jubilee, Mobile, AL, September 24-25, 1996.

"Care of the caregivers," "Maintaining hope during challenging times," Oncology Update, American Cancer Society, Jackson, MS, April 18-19, 1996.

"Spirituality and sense of well being for persons with AIDS," Multidisciplinary AIDS Symposium, Northwest AHEC, Clemmons, NC, April 16, 1996.

"Humor: It can't hurt," Chronic Wound Management: Implications for the Extended Care Practitioner, Baltimore, MD, November 2, 1995.

"The efficacy of coping mechanisms of newly diagnosed cancer patients," 10th Anniversary of the Joan Ashley Fiffick Memorial Lectureship, Akron, OH, April 19, 1995.

"Communicating sexual concerns: Do you hear what I'm feeling? Can you help?" 17th Annual Oncology Nursing Seminar, American Cancer Society and Tidewater Regional Cancer Network, Norfolk, VA, April 6, 1995.

"Issues and trends in oncology nursing," Eight Annual Oncology Nursing Conference, Rush Cancer Institute and Rush University College of Nursing, Chicago, IL, March 3, 1995.

"Laughter as therapy," Nursing Spectrum's BANR Career Day, Baltimore, MD, February 11, 1995.

"Humor in nursing," Richmond Area Chapter, Oncology Nursing Society, Richmond, VA, January 10, 1995.

"Empowerment of nurses," Greater Tampa Chapter, Oncology Nursing Society, December 1, 1994.

"Fear of recurrence," "The phenomenon of suffering," "Caring for the caregiver," "Living well with cancer: Quality of Life," Aroostock County Oncology Nurses, Northern Maine Medical Center, University of Maine at Fort Kent, September 29-30, 1994.

"Trends in nursing management," "Surgical management-urology," "Summary" Nursing Conference on Management of Cancers of the Reproductive System, American Cancer Society, Montgomery, AL, September 14, 1994.

"The nurse's role in health care reform," Nurses Week Celebration, University of Alabama Hospitals, Birmingham, AL, May 3, 1994.

"Communications & decision making," Humor as a coping strategy: So what's to laugh about?" The Cancer Care Continuum: Meeting the challenges of end stage disease, American Cancer Society and Tidewater Regional Cancer Network, Hampton, VA, April 21, 1994.

"What's important to the administrators?" Strategies for Graduate Faculty: Internal demands vs. external realities, SCCEN Workshop, Baltimore, MD, April 20, 1994.

"Cancer nursing - What's to laugh about," Greater Lehigh Valley Chapter, Oncology Nursing Society, Allentown, PA, November 10, 1993.

"Changing adversaries into allies," Quarterly Professional Staff Nurse Meeting, St. Joseph's Hospital of Atlanta, Atlanta, GA, October 21, 1993.

"The relationship of humor and spirituality," Oncology Rehabilitation Symposium: A home run for life, East Jefferson General Hospital, Metairie, LA, October 1, 1993.

"Humor in oncology nursing," Cancer Care Continuum 1993, St. Louis Chapter of Oncology Nursing Society, St. Louis, MO, September 9, 1993.

Workshop on Creating a positive work environment, Mutual Assurance Healthcare Management Seminars, Birmingham, AL, May 7, 1993.

"Laughter as therapy," Stewart Conference, Teachers College, Columbia University, New York, NY, April 17, 1993.

"Humor as a coping strategy," Coping Strategies for Caregivers, Maryland Department of Health and Mental Hygiene, Hagerstown, MD, March 30, 1993.

"Cancer Survivorship," Prostate Cancer: Trends and Controversies, Lutheran General Hospital, Park Ridge, IL, March 23, 1993.

"Psychosocial issues: Oncology staff stress," Oncology Congress III, The Cancer Institute at Washington Hospital Center, Washington, DC, January 22, 1993.

"What's so exciting about nursing research?" Induction Program, Eta Beta Chapter, Sigma Theta Tau International, Widener University School of Nursing, November 21, 1992.

"Caregiving: Utilizing humor," Maryland Department of Health and Mental Hygiene, Cumberland, MD, November 10, 1992.

"Laughter as therapy," Nursing Spectrum Fall Career Forum, Meadowlands Convention Center, New Jersey, November 9, 1992.

"The value of laughter in caregiving," Caring and Curing: Beyond the Band-aid II, Second Annual Pediatric Nursing Conference, Holy Cross Hospital, Silver Spring, MD, November 7, 1992.

"Developing a sense of well being for those with cancer;" "The relationship of humor and spirituality," John E. Stanwood Cancer Rehabilitation Lectureship, Good Samaritan Hospital & Medical Center, Portland, OR, September 11-12, 1992.

"Overview: Definition, causes, statistics & trends;" "Cancer prevention and life styles," Nursing Workshop, Mid Central Unit, Alabama Division, American Cancer Society, Montgomery, AL, September 9, 1992.

"Laughter as stress management," Division of Bioethics, SUNY - Brooklyn, Brooklyn, NY, June 2, 1992.

"Nursing aspects of quality of life enhancement in persons with cancer: Focus on sexuality," Long Island Jewish Medical Center, East Meadow, NY, June 1, 1992.

"Being a nurse in the 90's and coping through humor," "Maintaining personal and group morale during stressful times," Baptist Medical Center Montclair, Birmingham, AL, May 5, 1992.

"Psychosocial issues in living with breast cancer," American Cancer Society Breast and Lung Cancer Symposium, Birmingham, AL, May 1, 1992.

"Graduate nursing education: Assuring quality: The graduate program director," SREB Conference on Graduate Nursing Education, Baltimore, MD, April 10, 1992.

"The role of the nurse in prevention, detection and treatment of cancer in women," "Psychosocial issues specific to gynecologic malignancies," Second Annual Spring Symposium, Carolinas Medical Center, Charlotte, NC, April 9, 1992.

"Humor: So what's to laugh about?," CHOICES Stress Management Program, ICI Americas Inc., Wilmington, DE, April 7, 1992.

"Care for the caregiver," Second Annual Seminar on Innovations in Cancer Care, American International Hospital of Zion, Illinois, Gurnee, IL, March 20, 1992.

"Spiritual wellbeing: Essential to recovery," Women and Substance Abuse: Exploring the Issues, March of Dimes, North Georgia Chapter, Atlanta, GA, March 12, 1992.

"Laughter as therapy," Survivorship," and Care for the caregiver," Oncology Nursing Update 1992: New Nursing Perspectives, Jackson, MS, March 5, 1992.

"The role of humor in stress management," Fifth Annual Medical-Surgical Nursing Update, Peninsula General Hospital/Medical Center, Salisbury, MD, February 20, 1992.

"Laughter as therapy," 15th Anniversary Lecture Series, College of New Rochelle School of Nursing, New Rochelle, NY, February 6, 1992.

Workshop on issues in oncology nursing, Birmingham, AL, January 17, 1992.

"The phenomenon of suffering," Cancer pain: Challenges for the clinician, Pennsylvania Department of Health Cancer Control Program, Philadelphia, PA, December 3, 1991.

"Oncology nursing in future healthcare policy," Fairfax Hospital System Oncology Nursing Conference, Vienna, VA, November 21, 1991.

"Demystifying research for nursing practice," First Annual Nursing Research Conference, VAMC, Albany, NY, November 7, 1991.

Keynote address, Fourteenth Annual Mid-Atlantic Burn Conference, Baltimore, MD, November 4, 1991.

"The role of humor in oncology nursing," Eastern Shore Oncology Conference, American Cancer Society/Peninsula General, Salisbury, MD, November 1, 1991.

Keynote address, Mississippi Association of Student Nurses Convention, Biloxi, MS, October 25, 1991.

"Patient Advocacy," and "The basic ingredient: Humor," Cancer Nursing Conference, American Cancer Society, Delaware Division, New Castle, DE, October 22, 1991.

"An historical perspective of pharmacology in cancer," Cancer Pharmacology: Where We've Been - Where We're Going, Colorado Division, American Cancer Society, Denver, CO, June 7, 1991.

"Stress management," Nurses' Week Celebration, Veterans Administration Medical Center, Wilmington, DE, May 7, 1991.

"Humor as a creative intervention in caregiving," Joan Ashley Fiffick Memorial Lectureship, Akron General Development Foundation, Akron, OH, April 17, 1991.

"Psychosocial aspects of cancer care," Psychosocial Aspects of Community Oncologic Nursing, Passaic Unit, New Jersey Division, American Cancer Society, East Rutherford, NJ, April 17, 1991.

"Increasing, sharing, caring, and quality of life;" "Having fun with meaningful quality assurance," First Annual Western Michigan Cancer Nursing Conference, Grand Rapids, MI, April 12, 1991.

"Breaking down barriers to cancer prevention/detection," Nursing: Impact on Cancer Outcomes Nursing Conference, Hillsborough County Unit, Florida Division, American Cancer Society, Tampa, FL, March 1, 1991.

"Humor is no laughing matter," Fourth Annual Excellence in Nursing Awards, The New York Hospital Division of Nursing, New York, NY, November 15, 1990.

Keynote address, The Joy of Nursing Practice, Winthrop-University Hospital Nurse Specialist Group, Old Westbury, NY, November 8, 1990.

Speaker, Fifth Annual Reach to Recovery Leadership Workshop, American Cancer Society, New York State Division, Syracuse, NY, October 16, 1990.

"Stress and time management," American Cancer Society, Georgia Division, Staff Conference, Jekyll Island, GA, October 2-3, 1990.

"Oncology Nurses Coping with the Ethics of Healthcare Technology," Regional Medical Ethics Colloquium, Greater Baltimore Medical Center, Baltimore, MD, September 28, 1990.

Keynote address, Something for Everyone, a NAACOG Potpourri, Clinton, MD, September 27, 1990.

Keynote address, Fourth Annual Current Concepts in Cancer Management. Focus: The Elderly, Socioeconomically Disadvantaged and Minority Populations, American Cancer Society, Clearwater Beach, FL, August 24, 1990.

"Humor in the workplace," Critical Care '90, 15th Annual Symposium, New York City Chapter, American Association of Critical-Care Nurses, New York, NY, June 15, 1990.

Nurse tutor, American Cancer Society, Maryland Division, Somerset and Caroline Counties, June, 1990.

Overview, trends, and perspectives in caring for the chronically and terminally ill from the professional and patient view point," and "Pain management," Caring for the Chronically and Terminally Ill, American Cancer Society, Alabama Division, and The Gulf Coast Oncology Nursing Group, Mobile, AL, June 2, 1990.

"Balancing your personal and professional lives," Women and Infants Health Care, Toward the 21st Century, NAACOG Delaware Section, Ocean City, MD, May 11, 1990.

"The laughter prescription: A daily dose needed to survive as a nurse," Cornell University-New York Hospital School of Nursing Alumni Association, May 5, 1990.

"Humor in cancer nursing," Bridging Progressive Theory with Practical Application, Florida Association of Enterostomal Therapy Conference, Jacksonville, FL, April 6, 1990.

"Survival for the oncology nurse," Cancer: Beat It!, Northeastern Ohio Universities College of Medicine Area Health Education Center, Regional Oncology Nursing Committee, The University of Akron College of Nursing, and American Cancer Society, Portage County Unit, Rootstown, OH, March 21, 1990.

"Nurses-Workhorses or wonderworkers?," Central Connecticut Chapter of the Oncology Nursing Society, Hartford, CT, March 20, 1990.

The challenge of caring," Eighth Annual Caring Conference, North Mississippi Medical Center, Tupelo, MS, March 19, 1990.

"Cancer Nursing Update," Washington County Hospital and American Cancer Society, Workshop, Hagerstown, MD, December 5, 1989.

Keynote address, Mississippi Association of Student Nurses Annual Convention, Biloxi, MS, November 2, 1989.

Keynote address, Fifth Annual Nurse Care Conference, Northwest Area Health Education Center, Winston-Salem, NC, October 30-31, 1989.

"Nurses United," Alabama State Nurses' Convention, Keynote speaker, Huntsville, AL, October 18, 1989.

"The Nurse's Role in Spiritual Care," Piedmont Oncology Association Tenth Annual Conference, Myrtle Beach, SC, October 7, 1989.

"Caring for the Caregiver," Delaware Nurses' Association Convention, Newark, DE, October 6, 1989.

"Research Rounds," St. Luke's/Roosevelt Hospital Center, New York, NY, September 25, 1989.

"Cancer Nursing as a Specialty," Oncology Nursing Society, Greater Louisville Chapter Kentucky Cancer Program,

American Cancer Society, Jefferson County Unit, University of Louisville School of Nursing, Louisville, KY, September 12, 1989.

"The Rewards of Clinical Nursing Research," Graduation Ceremony, University of North Carolina at Chapel Hill, NC, May 14, 1989.

"Humor in Nursing," Nursing Recognition Week, St. Luke's/Roosevelt Hospital Center, New York, NY, May 8, 1989.

"Humor, Medicine, and Healing," 12th Annual Meeting, Home Care Association of New York State, Inc., The Sagamore on Lake George New York, May 5, 1989.

"Communication with Cancer Patient: Critical Component of Care," Tidewater Regional Cancer Network Workshop, Eastern Virginia Medical Center, Virginia Beach, VA, April 27, 1989.

"Emotional Aspects/Psycho-social Effects of Breast Cancer on the Patient and Family," Fifth Martin Lecture, The Christ Hospital, Cincinnati, OH, April 22, 1989.

"Translating Nursing Research Into Practice," Seventh Annual Research/Clinical Papers Day, The University of South Alabama College of Nursing, Mobile, AL, April 21, 1989.

"Changing Adversaries into Allies," and "Laughter and Therapy," Oncology Nursing Workshop, Northwest AHEC and American Cancer Society, Winston-Salem, NC, April 4, 1989.

"The Emerging Role of the Oncology Nurse," Meeting of the Piedmont Triad Chapter of the Oncology Nursing Society, Winston-Salem, NC, April 3, 1989.

"Do's and Don'ts of Public Speaking," Professional Development, New York City Chapter AACN, New York, NY, March 11, 1989.

"Cancer, Nutrition and the Nurse," 1989 Oncology Update, University of Mississippi Medical Center, Jackson, MS, March 2, 1989.

"Nursing Grand Rounds - Spirituality," Walter Reed Army Medical Center, Washington, D.C., December 15, 1988.

"Examination of the Relationship between Spiritual Perspective and Sense of Well Being in People with AIDS-A Preliminary Report," World AIDS Day - A Nursing Response, New York, NY, December 1, 1988.

Chemotherapy," Current Trends in Pharmacology, The Presbyterian Hospital Department of Education, Research and Development, Division of Nursing, New York City, October 25, 1988.

"Laughter Therapy in Nursing," Educational Retreat, Pinellas County Chapter, Oncology Nursing Society, Clearwater Beach, FL, October 8, 1988.

"Staging and Diagnosis" and "Medical Emergencies" Memorial Sloan-Kettering Cancer Center and Columbia University School of Nursing First Annual Certification Review Course, New York, NY, September 30 - October 1, 1988.

Local

Presentor, "Humor in nursing-What's to laugh about?" First Annual Clinical Nursing Conference: Surviving the Front Line, VA Medical Center, Baltimore, MD, September 12, 2003.

Presentor, "Humor and health," Third Annual School Health Interdisciplinary Program, University of Maryland School of Medicine, Ellicott City, MD, July 25, 2003.

Speaker, "Humor and spirituality," Women's Support Group, Bayview Medical Center, Baltimore, MD, March 17, 2003.

Speaker, "Humor as therapy," Association of Occupational Health Nurses, Columbia, MD, March 11, 2003.

Keynote Address, Maryland Association of Nursing Students, Baltimore, MD, January 25, 2003.

"Conducting spiritual assessments" and "Skills for Managing Spiritual Conflicts" with Margaret Griffiths. Supporting Spiritual Needs in Health Care Settings, Thomas Jefferson University Hospital, Philadelphia, PA, December 3, 2002.

"Spirituality in HIV and AIDS", Xi Chapter, Sigma Theta Tau, University of Pennsylvania, and Nu Eta Chapter, MCP Hahnemann University, October 30, 2002.

"Humor and spirituality in health care," Developmental Disabilities Conference, Maryland Department of Health and Mental Hygiene, Columbia, MD, May 14, 2002.

"If I am the leader, why is everyone laughing?" 22nd Anniversary Induction, Delta Rho Chapter, Sigma Theta Tau International, Philadelphia, PA, May 8, 2002.

"The nurses's role in spiritual care: Tending the spirit in hospitalized persons," (with Peggy Griffiths and Joseph Leggieri), Thomas Jefferson University Hospital, Philadelphia, PA, April 23, 2002.

Speaker, "Laughter as therapy," Y Me Breast Cancer Survivors' Celebration, Hagerstown, MD, October 11, 2001.

"Humor in nursing," Pediatric nursing staff meetings, Johns Hopkins Hospital, Baltimore, MD, October 4, November 1, 2001.

"So what's to laugh about: Humor in nursing," Nurses' Week Celebration, St. Mary's Hospital, Leonardtown, MD, May 9, 2001.

Speaker, "So what's to laugh about?" Susan G. Komen Maryland Affiliate Annual Conference, Baltimore, MD, April 27, 2001.

"The role of spirituality in oncology nursing," Potomac Area Chapter, Oncology Nursing Society, Rockville, MD, February 12, 2001.

Speaker, "Using humor as a coping strategy," Hospice Social Workers of Baltimore, Baltimore, MD, November 30, 2000.

"Coping with the challenges of cancer nursing," Sacred Heart Hospital, Cumberland, MD, June 17, 2000.

"Coping with the challenges of nursing," Calvert Memorial Hospital, Calvert County, MD, May 8, 2000.

Speaker, "Appreciating humor in our lives," Reach to Recovery Volunteers of Greater Baltimore Brunch, American Cancer Society, Towson, MD, May 7, 2000.

Speaker, "I work for free and I love it!" Stella Maris Hospice Volunteer Appreciation Dinner, Timonium, MD, April 11, 2000.

Speaker, "So what's to laugh about?" Reaching for the Cure...Holding a Promise, Susan G. Komen Breast Cancer Foundation Event, Baltimore, MD, March 25, 2000.

Speaker, "The role of cancer control in Relay for Life," Region 3, American Cancer Society, Baltimore, MD, March 6, 2000.

"Innovative therapies," Potomac Area Oncology Nursing Society, Bethesda, MD, October 22, 1999.

Speaker, "Humor as a coping strategy in cancer," Sinai Hospital, Baltimore, MD, July 7, 1999.

"Using humor with cancer patients," Maryland-National Capital Homecare Association 5th Annual Conference for Home Care Social Workers, Baltimore, MD, June 4, 1999.

"A time for laughter," Allegany College of Maryland, Cumberland, MD, May 26, 1999.

"Problem of cancer pain," Dinner meeting sponsored by Medtronics, Baltimore, MD, May 25, 1999.

Speaker. "Humor during menopause," Anne Arundel Medical Center, Annapolis, MD, May 20, 1999.

"Primary and secondary cancer prevention in older Marylanders," Maryland Gerontological Association's 17th Annual Conference, Baltimore, MD, May 17, 1999.

"Humor in nursing," Rosewood Center Nurse Week luncheon, Owings Mills, MD, May 12, 1999.

"Humor and the challenge of caregiving," "Seventh Annual Southern Maryland Caregivers Conference, Great Mills, MD, May 6, 1999.

"Humor in healthcare," Howard County General Hospital Nurses' Week, Columbia, MD, May 4-5, 1999.

"Laugh lines, not wrinkles-Using humor to deal with menopause," Anne Arundel Medical Center, Annapolis, MD, May 2, 1999.

"Nursing—so what's to laugh about?" Greater Baltimore Medical Center Nursing Celebration, Baltimore, MD, April 13, 1999.

"The healing power of humor," Maryland Organization of Mammographers, Baltimore, MD, April 10, 1999.

"Humor in the elderly," Collingswood Nursing Center Humor Committee, Rockville, MD, March 18, 1999.

Endnote speaker, Maryland Association of Nursing Students Annual Meeting, Annapolis, MD, February 27, 1999.

"A time for laughter," UMS Women's Forum, Towson University, Towson, MD, November 12, 1998.

"The value of humor," Greater Baltimore Area Association for Practitioners in Infection Control Baltimore, MD, October 27, 1998.

"The Do's and Don'ts of Humor in Diverse Cultures," 95th Annual Convention, Maryland Nurses Association, Frederick, MD, October 22, 1998.

"Spirituality and later life," GGEAR conference, Mental Health Issues and the Older Adult, Prince Frederick, MD, October 7, 1998.

"Humor as a coping strategy," 1st Annual Cardiac Symposium, Union Memorial Hospital, Baltimore, MD, October 2, 1998.

"Humor as a coping strategy," Union Hospital of Cecil County, Elkton, MD, September 24, 1998.

Luncheon speaker, Tenth Annual Maryland Conference: AIDS: A challenge to Primary Care, Baltimore, MD, September 18, 1998.

"Cancer screening and awareness in middle and later adulthood," GRECC symposium Older Women's Health: Maximizing Wellness and Minimizing Vulnerability, Baltimore VAMC, September 14, 1998.

Speaker, "Fresh start for families program," Managed Care Consortium, Baltimore, MD, June 30, 1998.

"Research results: Coping in women with breast cancer," The Women's Health Research Group Seminar Series, UMB, Baltimore, MD, May 29, 1998.

"A time for laughter," Nurses' Day Celebration, Walter Reed Army Medical Center, Washington, DC, May 4, 1998.

"Using humor to cope with the challenges of caregiving," UMB GGEAR Southern Maryland Caregivers conference, LaPlata, MD, May 1, 1998.

"Humor heals," Eighth Annual HIV/Behavioral Health Symposium, Baltimore, MD, April 30, 1998.

Speaker, "The healing power of humor," Cancer Support Group, Sinai Hospital, Baltimore, MD, April 1, 1998.

Speaker, "Reaching health care professionals," Mid-Atlantic Division, American Cancer Society Kickoff for Fresh Start for Families, Baltimore, MD, March 30, 1998.

"The laughter prescription" District 2, Maryland Nurses Association Annual Meeting, Columbia, MD, March 30, 1998.

"Laughter as therapy," Eleanor Wad Custer Lecture, Shenandoah University, Winchester, VA, March 25, 1998.

Speaker, "Coping with stress through humor," Diabetic and Cardiac Rehabilitation Support Groups, St. Agnes Hospital, Baltimore, MD, March 16, 1998.

"The changing role of the nurse," Chesapeake Health Education Program, Nursing for the 90s, Perry Point Veterans Administration Medical Center, MD, March 3, 1998.

Speaker, "Fresh start for families program," Mid-Atlantic Division, American Cancer Society Summit, Fairfax, VA, February 6-7, 1998.

Speaker, "Humor in the workplace," Catholic Charities, Baltimore, MD, November 5, 1997.

Presenter, Oncology Nursing Certification Review Course, Continuing Education Consortium, Baltimore, MD, August 23, 1997.

"Laughter as therapy," UMAB Physical Therapy Alumni Association, Baltimore, June 28, 1997.

"Using humor in cancer nursing," Potomac Oncology Nursing Society, Bethesda, MD, June 17, 1997.

"Humor in healing and medicine," Bon Secours Nursing Alumnae Association, Ellicott City, MD, June 10, 1997

"Humor heals," Seventh Annual HIV/Behavioral Health Conference, Columbia, MD, June 4, 1997

"Humor in the health care setting," Washington County Hospital Association, Hagerstown, MD, May 14, 1997

"Celebrate nursing with humor," Nurses Week Celebration, Inova Fairfax Hospital, Fairfax, VA, May 14, 1997

"Humor in nursing -Don't laugh now, but..." Washington Metropolitan Association of Neonatal Nurses, Bethesda, MD, May 9, 1997

"Humor in nursing," Nurses Week Celebration, Levindale Hebrew Geriatric Center and Hospital, Baltimore, MD, May 6, 1997

"Laughter as therapy," Nurses Week Celebration, Good Samaritan Hospital, Baltimore, MD, May 5, 1997

Speaker, Breast cancer survivors' luncheon, American Cancer Society, Maryland Division, Rising Sun, MD, April 28, 1997.

Speaker, "Breast self-examination," Hadassah Check It Out Program, Hereford High School, Sparrows Point High School, Randallstown High School, Spring, 1997; St. Elizabeth's School, Fall, 1999; Bais Yaakov School, Walbrook High School, Fairmount-Harford High School, Spring, 2000.

"Laughter as therapy," Kernan Hospital, Baltimore, MD, March 7, 1997.

"Laughter as therapy," Social Work Month, Mercy Medical Center, Baltimore, MD, March 5, 1997.

Keynote address, Maryland Association of Nursing Students, Ocean City, MD, February 22, 1997.

"Using humor in the classroom," Strategies for teaching in a diverse world: Challenges of multicultural teaching, Towson State University, Baltimore, MD, January 22, 1997.

Speaker, Annual meeting, AIDS Alliance of Howard County, Columbia, MD, January 21, 1997.

"Laughter as therapy," DHMH Social Workers Workshop, Crownsville, MD, October 25, 1996.

"Laughter as therapy," Capital Home Health Association Annual Fall Conference, Bethesda, MD, October 24, 1996.

"Humor to relieve stress," Central Maryland Chapter, National Multiple Sclerosis Society, Catonsville, MD, September 21, 1996.

Speaker, ONCC Review, Union Memorial Hospital, Baltimore, August 25, 1996.

"Humor in nursing," Second Annual Spring Conference, Villa Julie College/Union Memorial Hospital, Baltimore, May 8, 1996.

"Humor: It can't hurt," District 1 MNA, Cumberland, MD, May 7, 1996.

"Psychosocial care-coping, death/dying," Caring for the patient with cancer-- Physically & Psychosocially, Washington County Hospital Association, Hagerstown, MD, April 9, 1996.

"If I had wanted to be a part of healthcare redesign, I would have become a seamstress," Maryland Society of Clinical Nurse Specialists, Baltimore, April 2, 1996.

Keynote speaker, Annual Student Nurse Convention, Maryland Association of Nursing Students and Student Nurses of the District of Columbia, Annapolis, MD, March 9, 1996.

Speaker, Patient Services Break-Out Session, Summit II, Maryland Division, Inc., American Cancer Society, January 27, 1996.

"Nursing: So what's to laugh about?" Maryland League for Nursing, November 16, 1995.

"Laughter on the high seas," National Multiple Sclerosis Society's Getaway Weekend, Annapolis, MD, November 4, 1995.

"Humor," Department of Health and Mental Hygiene Nurses Workshop, Arnold, MD, October 17, 1995.

"Laughter is the best medicine," Third Annual Family Caregivers Conference, Family & Children's Services of Central Maryland, Baltimore, October 6, 1995.

"Laughter as therapy," National Multiple Sclerosis Society, Maryland Chapter, Baltimore, MD, September 30, 1995.

Speaker, Oncology Nursing Core Review Course, UMCC/GBMC/UMAB SON, Baltimore, August 26, 1995.

"Humor in nursing," Graduation speaker, Critical Care Nursing Program, Georgetown University School of Nursing, Washington, DC, July 27, 1995.

Speaker, Volunteer Retreat, Senior Companion Program, Baltimore City Health Department, June 22, 1995.

"Laughter as therapy," Social Workers' Meeting, Springfield Hospital Center, Sykesville, MD, June 7, 1995.

"Laughter as therapy," UMMS Emergency Nurses Meeting, Baltimore, MD, May 24, 1995.

"Coping with the challenges of nursing through humor," Nurses' Day Celebration, Anne Arundel Medical Center, Annapolis, MD, May 11, 1995.

"Laughter as therapy," Nurses Week Professional Day, Fallston General Hospital, Fallston, MD, May 9, 1995.

"Humor as therapy," Nurses Day Celebration, Springfield Hospital Center, Sykesville, MD, May 8, 1995.

"Being a nurse in the 90's & coping through humor," "Caregiving utilizing humor," Seventh Annual Distinguished Nurse Lectureship, Department of Nursing, Franklin Square Hospital Center, May 4, 1995.

"Message to caregivers: The healing power of humor," Children and Hospitals Week, Johns Hopkins Hospital, Baltimore, MD, March 21, 1995.

"Humor in oncology nursing," Potomac Chapter Oncology Nursing Society, Wheaton, MD, March 14, 1995.

"Laugh your way to health," Occupational Health Services, Johns Hopkins University, Baltimore, MD, February 2, 1995.

"Humor in cancer nursing," Upper Eastern Shore Oncology Nurses Interest Group, Easton, MD, January 17, 1995.

"Breast Health," Health Today, Howard County Educational Access Channel, December, 1994.

"What's New in cancer prevention and detection," Nursing Workshop, Fallston General Hospital, Fallston, MD, November 11, 1994.

"Humor as therapy," PACU Nurses Association, Baltimore, MD, June 22, 1994.

"Humor as a coping strategy," Maryland Aging Network Workshop '94, College Park, MD, June 14, 1994.

"Laughter as a coping strategy," UMAB GGEAR Workshop, Frostburg, MD, May 18, 1994.

"Humor in nursing," Nurse Day Celebration, Physicians Memorial Hospital, LaPlata, MD, May 17, 1994.

"Psychosocial aspects of cancer," Northwest Hospital Center, Baltimore, MD, May 12, 1994.

"Humor in Nursing," Nurses' Day, Perry Point Veterans Administration Medical Center, MD, May 10, 1994.

Panel member, "Short Term Intervenor Group" workshop, 1994 Grief and Loss Symposium, Department of Health and Mental Hygiene, Baltimore, MD, April 13, 1994.

Respondent, "Living with Grief," National video conference, Baltimore, MD, March 31, 1994.

"Humor in nursing - So what's to laugh about?" Union Memorial Hospital Nursing Symposium, Baltimore, MD, February 26, 1994.

"Humor as therapy," Greater Baltimore Unit, American Cancer Society, Can Surmount, January 19, 1994.

"Laughter as therapy," Baltimore Area Affiliate, Wound, Ostomy and Continence Nurses Society, Baltimore, MD, January 12, 1994.

"Laughter as therapy," Baltimore/Central Maryland Chapter, Alzheimer's Association, Baltimore, MD, November 20, 1993.

"Humor for cancer patients and cancer survivors," Patient and Family Special Event, Johns Hopkins Oncology Center, November 11, 1993.

"Humor in the workplace," Spotlight on Critical Care, Greater Washington Area Chapter, Washington, DC, November 11, 1993.

"Humor in administration," Directors of Nursing conference, Meridian Healthcare, Baltimore, MD, October 18, 1993.

"Empowerment in nursing," March of Dimes Fourth Annual Perinatal Nursing Conference, Baltimore, MD, October 8, 1993.

"Humor as a coping strategy," Glenwood Health Center, October 8, 1993.

"Laughter where you least expect it: Humor in caregiving," Second Annual Alzheimer's Care Conference, Frederick, MD, September 17, 1993.

"Cancer cell/pathophysiology," and "Coping," Oncology Nursing Core Review Course, UMCC, GBMC, and UMAB SON, Baltimore, MD, September 11-12, 1993.

"Using humor to cope with the challenges of caregiving," First Annual Allegany County Alzheimer's Care

Conference, Cumberland, MD, June 18, 1993.

"Humor in critical care," Greater Washington Area Chapter, AACN, Silver Spring, MD, June 15, 1993.

"Lighten up," St. Mary's Hospital, Leonardtown, MD, May 5, 1993.

"Humor in the work place for nurses," Sinai Hospital, Baltimore, MD, May 5, 1993.

"Spiritual, emotional and non-pharmacological interventions (for pain)," Montgomery Hospice Society, Rockville, MD, May 4, 1993.

"Humor in nursing," St. Agnes Hospital, Baltimore, MD, May 3, 1993.

"Coping," Second Annual Nursing Student Oncology Conference, Baltimore, MD, April 21, 1993.

Speaker on "Laughter as therapy," I Can Cope Program, Mercy Medical Center, Baltimore, MD, March 31, 1993; October 10, 1993; November 4, 1997; April 6, 1998; June 20, 1999; July 20, 1999.

"Identifying and applying coping strategies," Coping Strategies for the Cancer Patient and Caregiver, Chesapeake Potomac Area Office, Maryland Division, American Cancer Society, Greenbelt, MD, March 9, 1993.

Speaker, Breast Disease Support Group, St. Joseph Hospital, February 18, 1993.

"Laughter rx: A daily dose," Holy Cross Hospital, Silver Spring, MD, February 4, 1993.

"Humor," Johns Hopkins Home Care Group, Baltimore, MD, January 19, 1993.

"Coping with cancer," Oncology Nursing Core Review Course, University of Maryland Cancer Center, Baltimore, MD, September 13, 1992.

"Stress management through humor," Maryland Hospital Association Recruiters' Meeting, Baltimore, MD, August 6, 1992.

"Hope, humor and spirituality," Tenth Annual Florence Nightingale Lecture, St. Joseph's Hospital, Baltimore, MD, May 4, 1992.

"Laughter as therapy," Rehabilitation Therapy Services, Inc., Baltimore, MD, April 30, 1992.

"Stress management through humor," Maryland State Council of the Emergency Nurses Association, Baltimore, MD, April 24, 1992.

Speaker on "Laughter as therapy," I Can Cope Program, St. Agnes Hospital, Baltimore, MD, April 1, 1992; April 20, 1993; October 20, 1993.

"Keeping your sense of humor: The value of laughter in caregiving," First Annual Conference for Caregivers, Elder Love, Hagerstown, MD, March 4, 1992.

"Humor," Third Annual Winter Symposium, Critical Care Nursing, The Future is Now, Greater Washington Area and Chesapeake Bay Chapter of AACN, Columbia, MD, February 28, 1992.

Speaker on "Laughter as therapy," Baltimore Cancer Support Group, December 5, 1991; October 8, 1992.

"Laughter as therapy," Maryland Association for Home Care, Inc., Baltimore, MD, December 4, 1991.

"Hope and spiritual well-being in persons with cancer," Greater Baltimore Chapter, Oncology Nursing Society, Baltimore, MD, December 3, 1991.

"Humor as a coping mechanism," Upper Shore Post-Mastectomy Group, Maryland Division, American Cancer Society, Easton, MD, November 2, 1991.

"Hypercalcemia: Symptoms and treatment," Howard University Hospital Cancer Center, Washington, DC, October 24, 1991.

"Cancers in men," American Cancer Society, Maryland Division, and Social Security Administration Teleconference, Baltimore, MD, October 17, 1991.

"Preparing nurses for advanced nursing practice in oncology nursing," Sixth Annual Round Table, American Cancer Society, Baltimore, MD, October 5, 1991.

"Use of humor in the health care setting," Halethorpe United Methodist Church, Baltimore, MD, September 10, 1991.

"Laughter as therapy," Nursing Grand Rounds, Franklin Square Hospital Center, Baltimore, MD, April 25, 1991.

"Laughter as therapy," Cancer and Pain Management, Anne Arundel County Unit, Maryland Division, American Cancer Society, Annapolis, MD, April 24, 1991.

"The common language of nursing and medicine," Colleagues in Care, Greater Baltimore Medical Center, Baltimore, MD, April 23, 1991.

"Laughter as therapy," We Care Weekend, American Cancer Society, Maryland Division, Port Deposit, MD, April 20, 1991.

"Using humor and laughter to maximize survivorship," Baptist Medical Center-Montclair Survivors' Celebration, Birmingham, AL, April 13, 1991.

"Laughter as therapy," Post-Mastectomy Group Meeting, Maryland Division, American Cancer Society, Salisbury, MD, April 5, 1991.

"Nursing aspects of quality of life enhancement in persons with cancer," UMCC Third Annual Primary Nursing Awards, Baltimore, MD, March 27, 1991.

"Issues and trends: Oncology Nursing in the 90's," Twenty-second Nurses Seminar, Montgomery County Unit, Maryland Division, American Cancer Society, Chevy Chase, MD, March 20, 1991.

"Cancer Risk Assessment: Implications for Diagnosis and Treatment," Maryland Area Association of Occupational Health Nurses, Baltimore, MD, March 6, 1991.

"Political strategies for the year 2000," Oncology Nursing Society, Washington, DC, Chapter and American Cancer Society, District of Columbia Division, Washington, DC, December 14, 1990.

"Laughter as therapy," The Homewood Hospital Center Nursing Department, Baltimore, MD, December 11, 1990.

"Humor in oncology," Radiation Oncology Grand Rounds, University of Maryland Cancer Center, November 7, 1990.

"Humor as a therapeutic tool," The Art of Caregiving: Health, Humor, and Helping, American Cancer Society,

Maryland Division, Baltimore, MD, October 26, 1990.

"The role of spirituality and humor in the care of persons with cancer," Fall dinner meeting, Sigma Theta Tau, Pi Chapter, Columbia, MD, October 23, 1990.

"Humor in the workplace," Critical Care '90, 15th Annual Symposium, New York City Chapter, American Association of Critical-Care Nurses, New York, New York, June 15, 1990. Nurse tutor, American Cancer Society, Maryland Division, Somerset and Caroline Counties, June, 1990.

"Humor in oncology nursing," Greater Baltimore Chapter, Oncology Nursing Society, Baltimore, MD, June 5, 1990.

"Issues and trends in oncology nursing," Oncology Nursing Review and Update, American Cancer Society, Washington, DC Division, Washington, DC, April 24, 1990.
Workshop Clinical Update: Oncology Nursing, University of Maryland School of Nursing, Marriottsville, MD, February 22, 1990.

"Laughter as therapy," Anne Arundel Medical Center Cancer Support Group, Annapolis, MD, February, 1990.

"Patient Education in an Ambulatory Care Setting," Washington, D.C. Chapter of Oncology Nursing Society, Washington, D.C., December 6, 1989.

"Hypercalcemia", Oncologic Emergencies Conference, University of Maryland Cancer Center Department of Nursing, Baltimore, MD, October 20, 1989.

"A Nursing Model for the Management of Oncologic Emergencies", University of Maryland School of Nursing Centennial Conference, Baltimore, MD, September 29, 1989.

"Summary and Concluding Remarks", Promoting Smoking Cessation: New Opportunities for the Health Professional, American Cancer Society, Maryland Division, Inc. Baltimore, MD, April 28, 1989.

EDITORIAL ACTIVITIES:

Editorial board memberships

2001 - present	Member, Editorial Board, <u>Hematology Oncology News and Issues</u> .
1999	Reviewer, AACN <u>Clinical Issues Advanced Practice in Acute and Critical Care</u> .
1998 – present	Reviewer, <u>American Journal of Critical Care</u> .
1997 – present	Reviewer, <u>American Journal of Nursing</u> , Contributing editor, 2000 – 2001.
1997	Book prospectus reviewer, Lippincott-Raven Publishers.
1994 - 2002	Member, Editorial Board, <u>Ostomy/Wound Management</u> .
1993 – 2002	Reviewer, <u>Cancer Practice</u> .
1990 – present	Media Reviewer, <u>Oncology Nursing Forum</u> .

1987 - 1990	Reviewer, <u>Journal of Cancer Education.</u>
1982 - 1991 1992-1998	Member, Editorial Board, <u>Heart and Lung. The Journal of Critical Care.</u> Reviewer

Peer review activities

2000 -	Member, Screening Committee, Trish Greene Quality of Life Cancer Practice Award
1998 to 2000	Member, Clinical Research Committee, Greenebaum Cancer Center, University of Maryland Medical System
1998, 1999, 2000	Abstract reviewer, American Cancer Society Institutional Research Grant program, Greenebaum Cancer Center, University of Maryland Medical System, Baltimore, MD
1996, 1997	Abstract reviewer, Symposium on Advanced Wound Care
1995	Abstract reviewer, American Nurses Association Council for Nursing Research
1993, 1994	Member, Ad Hoc Special Review Committee Panel, Community Clinical Oncology Program, National Cancer Institute, Rockville, MD
1988, 1999	Peer Reviewer for Advanced Nurse Education Program Grants

PROFESSIONAL ACTIVITIES:

American Academy of Nursing (1996-)

American Nurses Association
Maryland Nurses Association, District 2

National League for Nursing
Maryland League for Nursing
Accreditation Visitor, Council of Baccalaureate and Higher Degree Programs 1988-1998

Oncology Nursing Society: National

Member, Research Committee (1980-1982)
Member, Education Committee (1982-1985)
Chairperson (1984-1985)
Member, Special Committee on Certification (1983)
Chair, Core Curriculum Committee (1984)
Member, Oncology Nursing Foundation Scholarship Review Committee (1987-1996)
Member, Special Interest Group on Spiritual Care (1991-)
Member, State of the Art of Advanced Practice in Oncology Nursing Invitational Conference (1994)
Awards committee member, ONS/Chiron Susan Baird Writing Award for a Research Paper (1997)
Member, Nominating Committee (1998-2001)
Chair (2000-2001)

Oncology Nursing Society: Chapter

Chairperson, Bylaws Committee, Central Alabama Chapter (1982-1983)
President, Central Alabama Chapter (1983-1985)

Member, New York City Chapter (1986-1988)

Member, Greater Baltimore Chapter (1988-Present)

Association for Applied and Therapeutic Humor

Donna L. Leach
Ed.D., MT(ASCP)DLM

132 Saura View Dr.
King, NC 27021
336-750-2513

Associate Professor
Winston-Salem State University
leachd@wssu.edu

Education:

Post-Doc Fellow	Johns Hopkins University (2003-2005)
Ed.D.	Major-Higher Education, Minor- Health Organization Management, Texas Tech University (1996)
Master of Science	Major- Management, Troy State University: European Division (1986)
Bachelor of Science	Major- Medical Technology, Rhode Island College (1980)
Bachelor of Arts	Major- Chemistry, Rhode Island College (1980)

Experience:

May 1998- present	Department Chair , Clinical Laboratory Science Department, Winston-Salem State University. Duties the same as Interim Department Chair listed below. Promoted to Associate Professor April 1999.
April 1992 - present	Captain, Air Force Reserve. Medical Service Corps (Healthcare Administration). Attached to 43 rd Medical Group at Pope AFB, NC. Worked in Resource Management (Finance) /Information Systems Office helping to manage \$3 million budget for clinic, prepare for and attend JCAHO & HSI inspections (passed JCAHO with commendation and 5 best practices identified), coordinate with base finance office for spending Money and evaluating outstanding debts, prepare quarterly Management summary reports and presentations for the Executive Committee, and prepare short-suspense projects. Assisted CIO with software updates, troubleshooting and software training. Also created two web pages for the intranet: 1. Recurrent retraining page with post-exams that are submitted to training monitor's e-mail address, 2. Medical Readiness page with post -exams submitted to NCOIC Medical Readiness e-mail account. Activated for 20 July 1998 through 7 August 1998 to fill in for lab officer and guide laboratory through a CAP inspection on 6 August 1998. Passed CAP inspection with only 2 Phase II

discrepancies. Nominated as Pope AFB's 1998, 1999, & 2000 IMA of the Year.

- Aug 1997-May 1998 **Interim Department Chair**, Clinical Laboratory Science Department, Winston-Salem State University. Taught Introduction to Clinical Laboratory Science, Management and Education, Introduction to Research, Methods and Procedures, Clinical Chemistry, scheduled department classes, managed budget, hired new faculty members, established one of the first Internet-based MLT to MT articulation programs in the US, served on numerous university, department, and school committees established new clinical sites, coordinated clinical sites for senior students, graded senior students in clinical rotations, evaluated transfer student transcripts, advised students, interacted with senior university administrators, established and upgraded curriculum, managed department supplies and inventory, maintained accreditation standards (both NAACLS and SACS), successfully passed reaccreditation with NAACLS (granted 5 yrs accreditation), developed several web-based courses, and acted as a community liaison.
- Aug 1994-Aug 1997 Assistant Professor in Clinical Laboratory Science Department, Winston-Salem State University. Taught Clinical Instrumentation, Clinical Chemistry, Clinical Chemistry Practicum, and Biochemistry. Team taught Methods and Procedures and Seminar. Also advised and registered students, participated in the Faculty Senate and served on various university and department committees.
- Nov 1990-Aug 1994 Rotating medical technologist at Plains Regional Medical Center, Portales, New Mexico. Performed routine and STAT diagnostic laboratory tests in Serology, Blood Bank, Hematology, Urinalysis, Clinical Chemistry, Special Chemistry (including arterial blood gases), and Microbiology. Also collected venous and arterial blood specimens for analysis. Rotated weekends and pulled call.
- Feb 1987-Oct 1990 Supervisory medical technologist in Blood Bank and Microbiology at the 509th Strategic Hospital at Pease AFB, New Hampshire. Wrote procedures for all Blood Bank and Microbiology tests, ordered supplies, trained personnel, provided in-service lectures for all laboratory technicians, recommended new tests for the laboratory, interacted with medical device company representatives, sales representative, and technical service personnel, computerized most paperwork in Microbiology section, and was trained as primary operator of the Beckman Fox bacterial

MIC/ID system. Also acted as laboratory liaison for physicians, and interacted with other personnel regularly.

May 1986-Feb 1987 Rotating medical technologist at Amesbury Hospital, Amesbury, Mass. Performed routine and STAT diagnostic laboratory tests in Serology, Blood Bank, Hematology, Urinalysis, clinical Chemistry, Special Chemistry, and Microbiology.

April 1983-May 1986 Microbiology supervisor and Chemistry technician at the USAF Hospital, RAF Lakenheath, United Kingdom. Performed routine and STAT diagnostic tests in Chemistry and Microbiology. Also performed supervisory duties--i.e. ordering supplies, writing technical procedures, evaluating and counseling technicians, interacting with other hospital personnel including physicians, nurses, and administrators, and responsible for all work in section.

June 1981-Mar 1983 Rotating medical technologist at Wentworth-Douglass Hospital in Dover New Hampshire. Performed routine and STAT diagnostic laboratory tests in Serology, Blood Bank, Hematology, urinalysis, Clinical Chemistry, and Microbiology. Also analyzed arterial blood gas specimens.

July 1980-June 1981 Rotating medical technologist at Concord Hospital in Concord, New Hampshire. Performed routine and STAT diagnostic laboratory tests in Serology, Blood Bank, Hematology, Urinalysis, Clinical Chemistry, and Microbiology.

Continuing Education Seminars Attended:

1982 ARC "Wet" Workshop, Hanover, New Hampshire

1987 AABB Annual Conference--Orlando, Fl

1988 Beckman Fox system training seminar

1988 Roche Septi-Check blood culture seminar--Nashua, New Hampshire

1989 ASCP Spring Conference--Chicago, Il

1989 Kallestad Sexually Transmitted Disease workshop-- Hartford, Connecticut

1991 Antibiotic Update In-service, Dr. Robert Timmons, Roosevelt General Hospital, Portales, New Mexico

1992 Community Microbiology workshop--Albuquerque, New Mexico

1993 New Mexico State Society for Clinical Laboratory Science Annual Conference-- Albuquerque, New Mexico

1994 NCSCLS Fall Meeting, Greensboro, NC

1995 NCSCLS Educators' Scientific Assembly meeting--Brown Summit, NC

1995 AHEC workshop- Hematology case studies--Winston-Salem, NC

1995 ASCLS National Meeting--Anaheim, Ca.

1996 Clinical Laboratory Educators' Conference--Atlanta, Ga.

1996 NCSCLS Fall meeting-- Hickory, NC

- 1996 ASCP Point-of-Care audioconference--Winston-Salem, NC
- 1996 Triad Healthcare Executive Forum--Merger of Moses Cone and Wesley Long Hospitals--High Point, NC
- 1997 American College of Healthcare Executives Congress on Healthcare Management--Chicago, Il.
- 1997 ASCLS Legislative Day--Washington, DC
- 1997 ASCLS Annual Meeting--Atlanta, Ga.
- 1997 WSSU strategic planning retreat--Brown Summit, NC
- 1997 NCSCS Fall Meeting--Boone, NC
- 1998 Healthcare Information Management Systems Society annual meeting--Orlando, Fl
- 1998 Clinical Laboratory Educators' Conference--Minneapolis, Minn.
- 1998 Clinical Connections (Joint North Carolina and South Carolina state meeting)--Charlotte, NC
- 1998 Triad Healthcare Executive Forum--Novant Health (mergers and acquisitions)--Greensboro, NC
- 1998 NCSCS leadership retreat--Brown Summit, NC
- 1999 Clinical Laboratory Educators' Conference, San Juan, Puerto Rico
- 1999 Clinical Connections (Joint North Carolina and South Carolina state meeting)--Charleston, SC
- 1999 ASCLS National Meeting, New Orleans, Louisiana
- 1999 NCSCS Fall Education Meeting, Greensboro, NC
- 2000 Clinical Laboratory Educators' Conference, Salt Lake City, Utah
- 2000 UNC System Consortium for Distance Education, Wrightsville Beach, NC
- 2000 Carolinas Clinical Connections, Asheville, NC
- 2000 ASCLS National Meeting, San Francisco, Ca
- 2001 Clinical Laboratory Educators' Conference, St. Louis, Mo.
- 2001 American Medical Technologists Meeting, Nassau, Bahamas
- 2001 UNC System Consortium for Distance Education, Eastern Carolina University, Greenville, NC
- 2002 Clinical Laboratory Educators' Conference, Honolulu, Hawaii
- 2002 EdTech2002, UNC System Distance Education Consortium Meeting, Raleigh, NC
- 2003 The 14th Annual International Conference on College Teaching and Learning, Jacksonville, Fla.
- 2003 Cancer Prevention in Underrepresented Minorities: How Do We Make It Work? Maya Angelou Research Center on Minority Health. Wake Forest School of Medicine. Winston-Salem, NC.
- 2003 International Breast Cancer Conference, Banff Springs, Calgary, Canada.

Professional Organization Membership:

- American Society for Clinical Laboratory Science (*Clinical Laboratory Science* Peer Reviewer 1996 - present)
- ASCP Board of Registry (*Laboratory Medicine* Peer Reviewer 1995 - present)
- North Carolina Society for Clinical Laboratory Science (Board of Directors 1997 - 1999, Secretary 1999)
- American College of Healthcare Executives

Association of Military Surgeons of the United States (*Military Medicine*, Peer Reviewer 1997 - present)

Reserve Officers Association (North Carolina State Junior Vice President (1998), North Carolina State President (1999) and webmaster)

People to People Citizen Ambassadors

Awards:

1995 Air Force Commendation Medal

1998 NCSCLS Omicron Sigma

1998 ASCLS Omicron Sigma

1998 Air Force Achievement Medal

1999 NCSCLS Omicron Sigma

Nominated for IMA Reservist of the year 1993,1997,1998,1999, 2000, 2001

Nominated for the 2000 WSSU Wilveria Atkinson Research Award

2001 School of Health Sciences Spirit Award for Creative Leadership

2001 Joseph J. Kleiner Memorial Award given by the American Society for Clinical Laboratory Science. Award for outstanding Journal of Clinical Laboratory Science article ("Determining CLS Curriculum for the 21st Century") for 2000.

2002 School of Health Sciences Spirit Award for Leadership in Alternative Teaching Methods

2002 Air Force Commendation Medal

2003 School of Health Sciences Spirit Award

Publications and Presentations:

Leach, D. 1996. The Structure of Knowledge of Clinical Laboratory Science. Texas Tech University. (Dissertation)

Leach, D. 1995. The Structure of Knowledge of Clinical Laboratory Science. *Clinical Laboratory Science*. May/June.

Leach, D. 1996. Continuous Quality Improvement Techniques for Clinical Laboratory Science Education. *Clinical Laboratory Science*. March/April.

Leach, D. 1997. Book Review of Clinical Chemistry 3rd edition by Kaplan and Pesce. *Clinical Laboratory Science*. March/April.

Leach, D., Ryman, D., and Miles, S. 1998. Using Military Treatment Facilities as Clinical Affiliates. *Clinical Laboratory Science*. March/April 1998.

Ryman, D., Leach, D., and Canzona, C., "Interpretive Skills of Senior Nursing Students", *Clinical Laboratory Science*, March/April 1999.

- Leach, D. and Ryman, D., "Innovative Ways to Increase Student Credit Hour Production", *ASCLS Today*, May 1999.
- Ryman, D. and Leach, D., "Determining Clinical Laboratory Science Curriculum for the 21st Century", *Clinical Laboratory Science, CLS*, Spring 2000. (2001 Joseph F. Kliner Award Winning Article)
- Ryman, D. and Leach, D., "A New Survey: Continuing Education and Clinical Laboratory Science Professionals", *ASCLS Today*, August 1999.
- Ryman, D., and Leach, D., "High School Summer Research Projects", *The Filter Paper*. Fall 1999.
- Leach, D. and Ryman, D., "Motivation Through Empowerment", *ASCLS Today*, December 1999.
- Leach, D. and Ryman, D., "Bioterrorism: preparing for the worse", *Medical Laboratory Observer*, cover story, September 2000 .
- Ryman, D. and Leach, D., "The WSSU Internet-based MLT to MT Articulation Program", *NCSCLS Filter Paper*, July 2000.
- Ryman, D. and Leach, D., "Web-Based CLS Program Expands Opportunities to Earn Degree", *Advance for Medical Laboratory Professionals*, vol 12, # 5, July 31, 2000, pp. 22-23
- Ryman D. and Leach, D., "CLS Faculty and Student Community Service," *ASCLS Today*, January 2001, pp. 12-13
- Ryman, D. and Leach, D. "Winston-Salem State University CLS Internet Program", *Piedmont Triad Research and Technology Connectivity Expo 2001 Monograph*, April 2001, p. 32
- Leach, D. and Ryman, D., "An Overview of Bioterrorism Agents," *Piedmont Triad Research and Technology Connectivity Expo 2001 Monograph*, April 2001, pp. 66-67.
- Ryman, D. and Leach, D., "The Non-Traditional CLS Student," *ASCLS Today*, August 2001, p. 3.
- Leach, D., and Ryman, D., "Outline Review of Medical Technology/Clinical Laboratory Science" (Book and CD), Prentice Hall, June 2003.

Ryman,D., Nanda, J., Reddick, B., Gaston-Johansson,F., and Leach,D., "Time Differences between Acceptance into an ABMT Program and Sate of ABMT Procedure as Predictors for Psychological Morbidity", *Journal of Psycho-Social Nursing*, under review.

Presentations:

The Structure of Knowledge of Clinical Laboratory Science and Patient Satisfaction at a Military Treatment Facility. Poster presentations at Texas Tech's Women in Higher Education seminar, 1994, Lubbock, Texas

The Structure of Knowledge for Clinical Laboratory Science. Paper presented at the ASCLS 1995 National Meeting, Anaheim California.

Continuous Quality Improvement Techniques for Clinical Laboratory Science Education. Poster presentation at the national Clinical Laboratory Educators' Conference, 1996, Atlanta, Ga.

Using Military Treatment Facilities as Clinical Affiliates. Poster presentation at the national Clinical Laboratory Educators' Conference, 1998, Minneapolis, Minn.

The Stuff They Don't Teach You in College. Workshop at NCSCLS 1998 Fall Educational Meeting, "Sailing the Learning Seas". Oct. 3, 1998. Alamance Community College.

Microbiology: Techniques and Case Studies. Roundtable at 1999 CLEC. March 6, 1999. San Juan, Puerto Rico

Interpretive Skills of Senior Nursing Students. Poster Presentation at 1999 CLEC. March 5, 1999, San Juan, Puerto Rico

Current Issues in Education. Roundtable at 1999 Clinical Connection. March 25, 1999, Charleston, SC.

Bugs and Drugs, Workshop presentation at the 1999 NCSCLS Fall Meeting, Oct. 2, 1999.

Distance Education--A Faculty Perspective, workshop presented at the 2000 UNC System Consortium for Distance Education, Mar 10, 2000.

Distance Education, Workshop presentation at the 2000 Clinical Connections, April 7, 2000, Asheville, NC.

Putting a Course on the Web, NCSCLS/NCSSAMT joint Fall Meeting, Oct. 7, 2000, Winston-Salem State University

Using Blackboard for Web-Based Courses, inservice to School of Health Sciences faculty, Oct. 9 and Nov. 6, 2000, Winston-Salem State University.

Developing A Web-Based CLS Program: A Case Study, 2001 Clinical Laboratory Educators' Conference, March 2001, St. Louis, Mo.

Bioterrorism. WSSU Faculty Seminar Luncheon Series. Office of Sponsored Programs, Division of Academic Affairs, WSSU, Winston-Salem, NC

Got Staffing Woes? Here's a Source of Qualified MT's. Annual Northeast Region Clinical Laboratory Management Association Conference and Exhibition. April 2002, Boxborough, Ma.

Ryman, D., and Leach, D., "Winston-Salem State University Internet-based CLS Program: A Case Study", the 14th International Conference on College Teaching and Learning, Jacksonville, Fla. April 1-5, 2003.

Leach, D., and Ryman, D., "Cancer Screening." April 25, 2003, Advance Job Fair and CE Event, Charlotte, NC.

University Committees:

Faculty Evaluation Committee- 1994-1995

Peer Evaluation of Teaching Subcommittee (chair)- 1994

Student Evaluation of Teaching Subcommittee- 1995

Health Sciences Pinning Ceremony Committee- 1996

Faculty Senate Secretary- 1996-1997

Faculty Senate Strategic Planning Subcommittee (chair)- 1996-1997

General Assessment Committee 1994-1998

General Assessment Instrument Subcommittee (chair)- 1997

Strategic Planning Technology Task Force (chair) 1997

Strategic Planning Operational Effectiveness and Infrastructure Coalition- 1997

WSSU Summer School Committee- 1997- present

Computer Users' Group (chair) 1998- present

Southern Association of Colleges and Schools Educational Institutional Effectiveness Committee (chair)- 1998- 2000

Southern Association of Colleges and Schools Steering Committee- 1998-2000

Steering Committee for the Nurse-Managed Care Center- 1997-present

Academic Standards Committee 1997-present

Ad Hoc Committee on Academic Quality Control- 1998

Physical Education Department Faculty Search Committee (2 committees)- 1998

Health Sciences Division Technology Task Force (chair) 1997- 2001

Health Sciences Social Committee 1998-2000

Health Sciences Division New Building Design Committee- 1998

Information Technology Planning Committee- 1998-present

Technology Liaisons Group- 1998-present
 Clinical Laboratory Science Faculty Search Committee- 1999
 Summer School Committee--1998-present
 Distance Education Committee--1999
 Bertha Shelton Endowed Chair for Nursing Search Committee-2000
 SACS Web Page Committee-2000
 Articulation Agreement Committee-2000
 University Planning Council- 2000 - present
 Search Committee for School of Health Sciences Dean-2000
 Search Committee for Vice Chancellor of Enrollment Management-2000
 University Catalog Committee- 2001
 Search Committee for Microbiology Faculty Member- 2001
 Proposal Review Committee- 1999-present
 Evening and Weekend College Advisory Committee- 2001
 Continuing Education Advisory Committee-2001
 Academic Standards and Curriculum Committee- 1997 – present
 Associate Dean for School of Health Sciences Search Committee (chair)- 2002
 Associate Vice Chancellor for Continuing and Lifelong Learning - 2002
 Distance Education Working Group- 2002
 Intercollegiate Athletic Committee- 2003

Professional Activities:

Accreditation Site Visitor: Tarleton State University, February 1998

Accreditation Site Visitor: Medical University of South Carolina: February 1999.

Accreditation Site Visit Team Leader: Norfolk State University, March 2000

Accreditation Site Visit Team Leader: The University of West Florida, Feb 2001

Granted state approval to plan and implement an internet delivered CLS program.

Program Committee Co-Chair for the 1996 NCSCLS and SCSCLS Bi-State Spring
 Meeting (North Carolina and South Carolina chapters of ASCLS)

Planning Committee Member for the 2000 fall meeting of the North Carolina Chapter of
 ASCLS

Member of the North Carolina HBC group of faculty/student trip to Moscow, Russia in
 June 2000.

Article written in the Winston-Salem Chronicle (11/9/00) by the Chronicle staff
 describing my cover story published in Medical Laboratory
 Observer.

Article written in the Ram Pages by WSSU Public Relations Office describing my cover story published in the Medical Laboratory Observer.

Co-developer of the nation's first internet undergraduate degree program in clinical laboratory science.

Book reviewer for General Microbiology book by Mosby. 2000

Book reviewer for Bailey and Scott's Diagnostic Microbiology book by Mosby. 2001

Book reviewer for Mahon's Textbook of Diagnostic Microbiology published by Saunders. 2002

Book reviewer for CLS Review Guide (Microbiology and General Laboratory Techniques chapters), Elsevier Science, St. Louis, Mo. 2003

Book reviewer for Markell and Voge's Medical Parasitology textbook, 8th edition, Elsevier Science, St. Louis, Mo. 2003

Grants:

1998: ASCLS Education and Research Fund, "Determining Clinical Laboratory Science Curriculum for the 21st Century". Funded: \$2000.

1999: Health Resources and Services Administration. "Web-Based Clinical Laboratory Science Degree for Rural Laboratory Professionals." Not approved.

1999 (June) U.S. Health Resources and Services Administration Bureau of Primary Care, Health Schools, Healthy Communities Grant Reviewer

2002 Health Resources and Services Administration: Scholarships for Disadvantaged Students, \$165,000.

2003 Developing a training program in breast cancer research to decrease the disparity of morbidity and mortality in underserved/minority women. U.S. Army Medical Research and Material Command's Office of the Congressionally Directed Medical Research Programs (CDMRP). Funded at \$998,658 (Post-doctorate Student- John Hopkins University)

2003 Health Resources and Services Administration: Scholarships for Disadvantaged Students, \$270,000.

2003 Determining Physicians' use of Tumor Markers in Breast Cancer Diagnosis and Treatment, PACRE grant, \$25,000, being reviewed.

Professional Committees:

North Carolina Clinical Laboratory Advisory Committee (1997- present)
 Carolinas Clinical Connections (State Meeting) Program Committee Co-Chair 1998
 North Carolina Society for Clinical Laboratory Science (NCSCLS) District Chair (1998-2002)
 NAACLS' site visitor (Jan 1998, Feb 1999)
 NAACLS' site visit team leader (March 2000, October 2000)
 NAACLS paper reviewer (Nov 1998)
 NCSCLS webmaster (1998- 2000)
 NCSCLS student forum advisor (1998- 1999)
 NCSCLS Board of Directors (1996-1998)
 NCSCLS secretary (1999-2000)
 NCSCLS Education Scientific Assembly chair(1998-2000)
 ASCLS Leadership Development Committee (1998-2002)
 Clinical Laboratory Educators' Conference Program Co-Chair (1999)
 Reserve Officers Association State Department of North Carolina president- 1999
 Reserve Officers Association National Health Services Committee-1999
 Reserve Officers Association Chapter Development Committee-1999
 Reserve Officers Association Junior Officers Committee-1999
 North Carolina ASCLS National Convention Delegate- 1997, 1999
 Reserve Officers Association State Department of North Carolina Air Force Junior Vice President (1998, 2000)
 Reserve Officers Association National Strategic Planning Committee (2000-2002)
 Employer Support of the Guard and Reserve (ESGR) - Dec 1999 – present
 ASCLS Education Scientific Assembly Kendall Award Committee- 2000- present

Dr. Patricia Bowyer, OTR/L, BCN
811 West Fourth Street
Winston-Salem, North Carolina 27101
(336) 327-8023

P R O F E S S I O N A L E X P E R I E N C E

Wake Forest University Baptist Medical Center
Winston-Salem, North Carolina

February 2002 to Present

STAFF OCCUPATIONAL THERAPIST

RESPONSIBLE FOR PRN COVERAGE IN ACUTE CARE. PRIMARILY WITH THE NEUROLOGICALLY IMPAIRED.

Winston-Salem State University
Winston-Salem, North Carolina

June 2001 to Present

ASSISTANT PROFESSOR

RESPONSIBLE FOR INSTRUCTING THE FOLLOWING COURSES: KINESIOLOGY, NEUROSCIENCE FOR OT, AND INTRODUCTION TO OT. ORGANIZE AND DEVELOP THE RECRUITMENT PROCESS FOR OCCUPATIONAL THERAPY GRADUATE AND UNDERGRADUATE STUDENTS INCLUDING MARKETING MATERIALS. COORDINATED THESE EFFORTS WITH THE ENROLLMENT MANAGEMENT DEPARTMENT. CO-CHAIR OF THE UNDERGRADUATE OT ADMISSIONS COMMITTEE, MASTERS CURRICULUM COMMITTEE AND CHAIR OF THE RECRUITMENT COMMITTEE. CONDUCTED RESEARCH IN THE AREA OF NEUROLOGICAL IMPAIRMENT

Milligan College
Milligan College, Tennessee

August 1998 to May 2001

ASSISTANT PROFESSOR/ ADMISSIONS COORDINATOR

RESPONSIBLE FOR DEVELOPMENT AND ORGANIZATION OF THE ADMISSIONS PROCESS FOR OCCUPATIONAL THERAPY GRADUATE STUDENTS INCLUDING RECRUITMENT, ADVISING, INTERVIEWS AND MARKETING MATERIALS. INSTRUCTOR FOR THE FOLLOWING COURSES: KINESIOLOGY, PHYSICAL DYSFUNCTION (ADULT POPULATION - CO-INSTRUCTOR), ACTIVITIES OF DAILY LIVING AND PROFESSIONAL WRITING IN OT. CHAIR OF THE OT ADMISSIONS COMMITTEE AND OT GRADUATE STUDENT SPECIAL PROJECT GROUPS AND THESES. COORDINATOR OF CONTINUING EDUCATION COURSES WITHIN THE REALM OF OCCUPATIONAL THERAPY AND IN DEVELOPMENT OF NONTRADITIONAL FIELDWORK SITES. BECAME BOARD CERTIFIED IN NEUROREHABILITATION IN DECEMBER 1999.

Housecall Home Health Agency
Johnson City, Tennessee

July 1997 to February 2001

COORDINATOR OF OCCUPATIONAL THERAPY

RESPONSIBLE FOR SUPERVISION OF COTAS AND EVALUATION OF CLIENTS IN A SCHOOL SETTING AND HOME SETTING. POPULATIONS RANGE FROM PEDIATRIC CLIENTS TO THE ELDERLY. DEVELOPED THE OCCUPATIONAL THERAPY PROGRAM FOR THE AGENCY AFTER BEING THE FIRST OCCUPATIONAL THERAPIST HIRED. THE AGENCY NOW HAS A STAFF OF 4 OTRS AND 5 COTAS.

Northeast Tennessee Rehabilitation Hospital

August 1995 to May 1998

Johnson City, Tennessee

DIRECTOR OF OCCUPATIONAL THERAPY SERVICES

RESPONSIBLE FOR SUPERVISION OF STAFF OTRS, COTAS, STUDENTS, REHAB TECHNICIANS AND VOLUNTEERS. ADDITIONAL DUTIES INCLUDE DEVELOPMENT OF NEW PROGRAMS FOR CVA AND ORTHOPEDIC CLIENTS AND PATIENT TREATMENT. MAINTAINED A BUDGET AND ASSISTED IN DEVELOPING INTERDISCIPLINARY TREATMENT SYSTEMS. BECAME **NDT** CERTIFIED WHILE AT FACILITY.

Johnson City Medical Center

August 1994 to August 1995

Johnson City, Tennessee

OUTPATIENT PEDIATRIC OCCUPATIONAL THERAPIST

RESPONSIBLE FOR THE DEVELOPMENT OF PEDIATRIC PROGRAM WHILE MAINTAINING A FULL CASELOAD. ASSISTED IN PRN COVERAGE FOR THE FACILITIES REHAB FLOOR, SNF UNIT AND ACUTE CARE. DESIGNED THE OUTPATIENT FIELDWORK PROGRAM AND SUPERVISED STUDENTS DURING THEIR CLINICAL ROTATIONS.

Northeast Tennessee Rehabilitation Hospital

August 1993 to August 1994

Johnson City, Tennessee

STAFF OCCUPATIONAL THERAPIST

RESPONSIBLE FOR THE EVALUATION AND TREATMENT OF CLIENTS WITH TBI/CVA. DEVELOPED AND SUPERVISED THE VOLUNTEER PROGRAM. PARTICIPATED IN THE AQUATIC THERAPY PROGRAM FOR TBIC LIENTS.

E D U C A T I O N

Johns Hopkins University

2002 to present

Baltimore, Maryland

post-doctoral research

East Tennessee State University

1997 to 2001

Johnson City, Tennessee

doctorate in educational leadership

Eastern Kentucky University

1993 to 1996

Richmond, Kentucky

master of science in occupational
therapy**Milligan College**

1983 to 1987

Milligan College, Tennessee

bachelor of arts in communications

O R G A N I Z A T I O N S

Kentucky Occupational Therapy Association Richmond, Kentucky member	1991 to 1992
Sensory Integration International California member	1994 to 1996
Neurodevelopmental Treatment Association California member	1997 to Present
Tennessee Occupational Therapy Association Nashville, Tennessee 2000 State Conference Proposal Reviewer 1999 State Conference Proposal Reviewer 1998 State Conference Chair State Placement Chair Representative Assembly member for the State of Tennessee District Chair and newsletter editor	1993 to 2001
North Carolina Occupational Therapy Association Raleigh, North Carolina member 2002 Awards Committee Member	2001 to Present
American Occupational Therapy Association Washington, D.C. Recorder for the Representative Assembly Abstract Reviewer for National Conference Chair, Ad Hoc Committee on Electronic Communication Member, Bylaws, Policies and Procedures Committee Member, Task Force on Governance Effectiveness <i>OT Practice</i> Content Expert	1991 to Present
National Board for Certification of Occupational Therapist Rockville, Maryland Item Writer for National Certification Exam Rockville, Maryland National Certification Exam Rubric Review Committee	2001 to Present 2003 to 2004

A W A R D S

Theta Pi Honor Society Johnson City, Tennessee	1986 to Present
invited member	
Kappa Delta Pi Honor Society Indianapolis, Indiana	1999 to Present
invited member	
Gamma Beta Phi Honor Society Oak Ridge, Tennessee	1999 to Present
invited member	
Phi Kappa Phi Honor Society Baton Rouge, Louisiana	1999 to Present
invited member	

P R O F E S S I O N A L C E R T I F I C A T I O N

OCCUPATIONAL THERAPY BOARD CERTIFIED NEUROREHABILITATION (BCN)	1999
Neurodevelopmental Treatment Certified	1997

P R E S E N T A T I O N S

Bowyer-Johnson, P. (2002, November) Managing arthritis for occupational therapy. Hickory, North Carolina.

Bowyer-Johnson, P. (2002, June) Role of mentoring in the careers of women dean's and vice president's in higher education. World Federation of Occupational Therapists, Stockholm, Sweden.

Bowyer-Johnson, P. (2002, April). Mentoring in women's careers in higher education. Research Day, School of Health Sciences, Winston-Salem, NC.

Bowyer-Johnson, P. (2000, September). Women Mentoring Women. Professional and Business Women's Association, Elizabethton, TN.

Bowyer-Johnson, P. (1997, November). Hands on health. Conference for women exploring science and technology, Blountville, TN.